

MediumBank

Product Brochure

PROFILE

Make Bioprocesses Simpler and More Efficient!

MediumBank, founded in 2019, is a integrated provider of bioprocess reagents and upstream solutions for the global biopharmaceutical industry.

Our core offerings include catalog cell culture media (CCM), AI media optimization and development (AIMD), rapid reagent production (RRP), Efficient Hydration Solution (EHS), and spent metabolic analysis (SMA). These solutions support diverse cell culture platforms, including CHO, HEK293, mesenchymal stem cells (MSCs), immune cells, and insect cells.

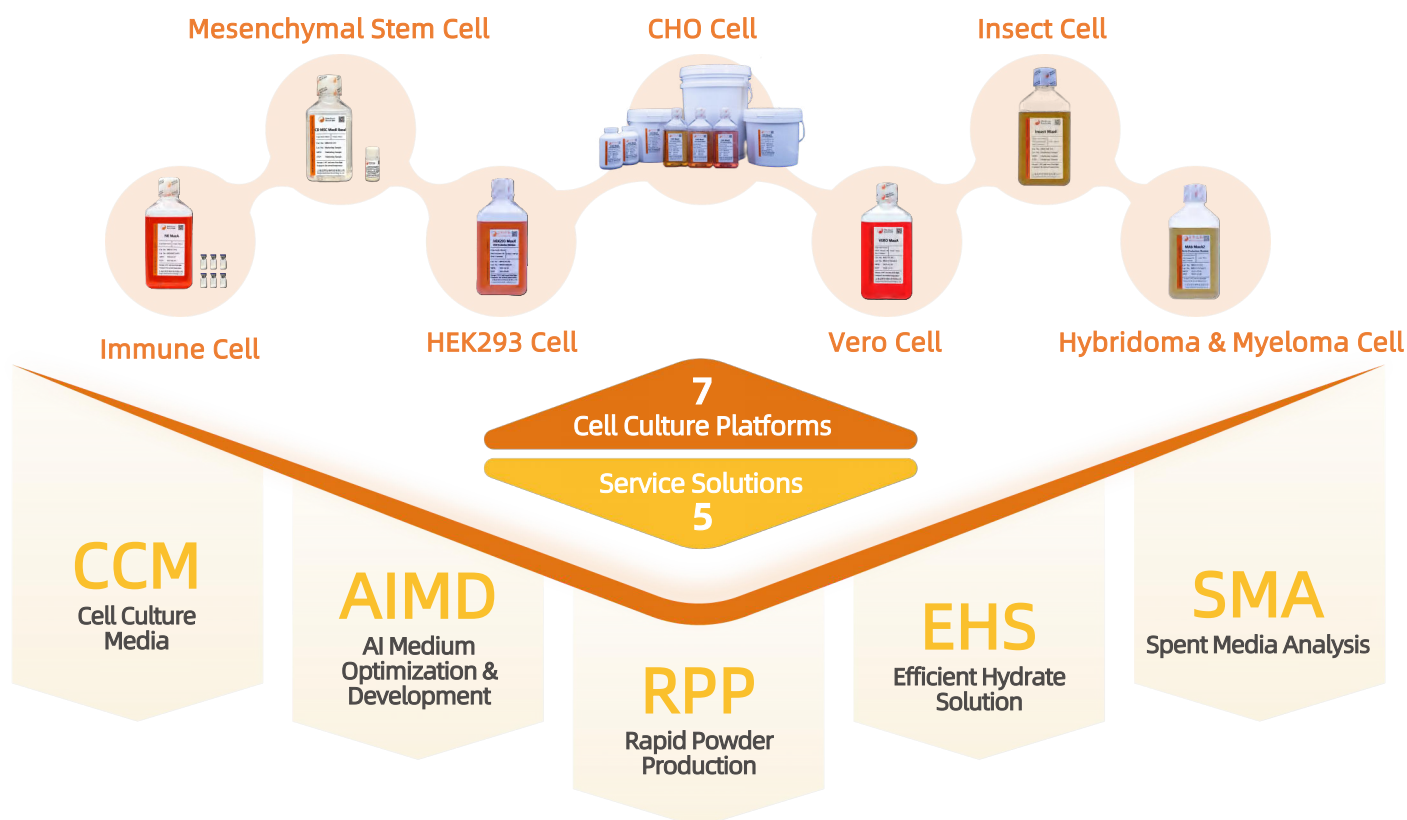
We serve customers across diverse biopharmaceutical applications, including monoclonal and polyclonal antibodies, vaccines, cell therapy, and cultivated meat. Supported by two GMP-compliant manufacturing facilities (Shanghai & Nanjing) and scalable production capabilities, MediumBank has been trusted by **more than 1,000 biopharmaceutical companies** worldwide and has successfully passed nearly **100 customer GMP audits**.

Driven by continuous innovation and customer-focused collaboration, MediumBank is committed to being a trusted partner for bioprocess development and manufacturing.

MILESTONES



PRODUCTS AND SERVICES



CORE STRENGTHS

Strong R&D Capabilities

- 50+ proprietary products
- 40+ invention patents
- Leadership team with 20+ years of industry experience
- >30% Workforce in R&D
- >30% Annual R&D Investment



End-to-End Technical Support

1000+
global
customers

- Fast on-site technical support
- Extensive Commercialization Experience
- Hundreds of development and scale-up programs
- Dedicated experts providing one-on-one technical support



- Dual GMP-compliant manufacturing sites
- Phase I capacity:
10M L/year (dry powder)
1M L/year (liquid)
- Phase II capacity:
~100M L/year (dry powder)
5M L/year (liquid)

Advanced Manufacturing Infrastructure with Dual-Site Capacity

- GMP- and ISO13485-compliant quality system
- Lifecycle-based quality risk management
- FDA DMF documentation supporting global regulatory submissions
- Successfully passed on-site audits conducted by more than 50 biopharmaceutical customers

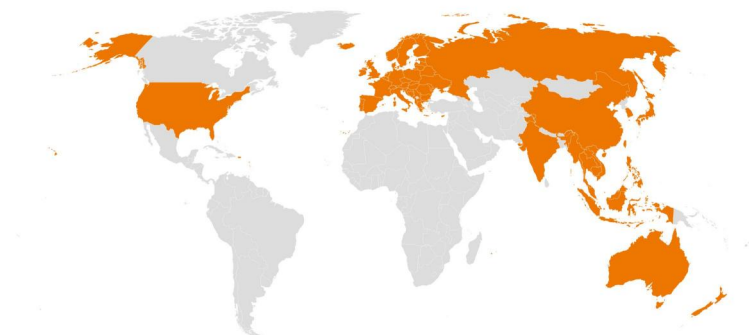


Comprehensive Quality Management System

HONORS



GLOBAL SALES NETWORK



CONTENTS

CHO Cell Culture Solutions ----- 4

CHO Serum-Free Cell Culture Media
CHO Feed Media
CHO Transient Transfection Solutions
CHO Single-Cell Cloning Media
CHO Subculture Media
CHO Perfusion Media
GMP-Grade Bioprocess Reagents

Cell Therapy Solutions ----- 18

Mesenchymal Stem Cell (MSC) Culture Media
NK Cell Culture Solutions
Cell Cryopreservation Media

Other Cell Culture Solutions ----- 23

HEK293 Cell Culture Kit and Medium
Vero Cell Culture Medium
Insect Cell Culture Medium
Hybridoma Cell Culture Medium

MediumBank Customized Services ----- 27

AI Medium Optimization & Development (AIMD)
Rapid Powder Production (RPP)
Efficient Hydrate Solution (EHS)

Product Catalog ----- 29

| MediumBank CHO Cell Culture Solutions

CHO cells are the industry's preferred host for the production of recombinant therapeutic proteins due to their proven safety profile, adaptability, and ability to support high levels of protein expression. Medium selection and optimization play a critical role in cell density, viability, protein productivity, product quality,

and process scalability, enabling successful biologics commercial manufacturing.

MediumBank provides integrated CHO cell culture solutions backed by deep expertise in cellular nutrition and metabolism. Our platform helps biopharmaceutical companies achieve higher productivity, greater process consistency, and efficient scale-up, enabling a seamless transition from process development to commercial manufacturing.



■ Key Features



Chemically Defined

Reduced Contamination Risk
Enhanced Product Safety and Consistency
Regulatory Support



GMP-Compliant Development

Seamless Scale-Up
Reduced Commercialization Risk



Superior Performance & Productivity

Optimized Nutrition & Feeding Strategies
Higher Cell Density & Titer
Built for High Producers



Balanced Productivity & Cost Efficiency

Efficient Process Development
Higher Titters with Lower Manufacturing Costs
Accelerated Clinical Trials and Commercialization

■ CHO Cell Culture Solutions



Molecular Screening

- CHO Transient Transfection Kit
- CHO Transfection Media
- CHO Transfection Reagent

Cloning Screening

- CHO Cloning Media
- CHO Cloning Enhancer
- CHO Subculture Media

Process Development

- CHO Basal Media
- CHO Feed Enhancer
- CHO Perfusion Media

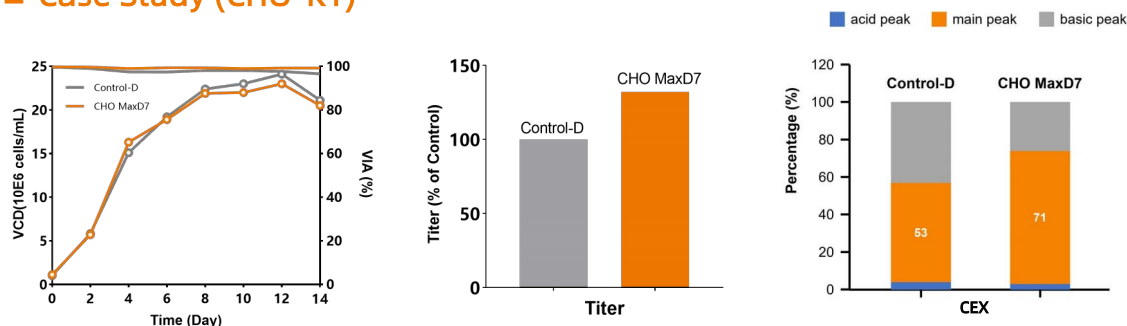
- Glycosylation Modulator
- Charge Modulator
- Aggregate/Fragment Modulator

Clinical & Commercialization

- Antifoam
- Anti-aggregation Agent
- GMP-Grade Bioprocess Reagents

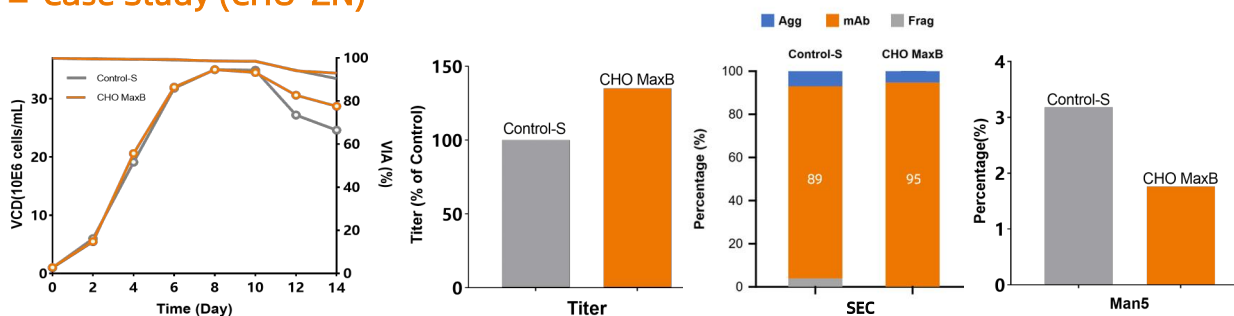
| CHO Serum-Free Cell Culture Media

■ Case Study (CHO-K1)



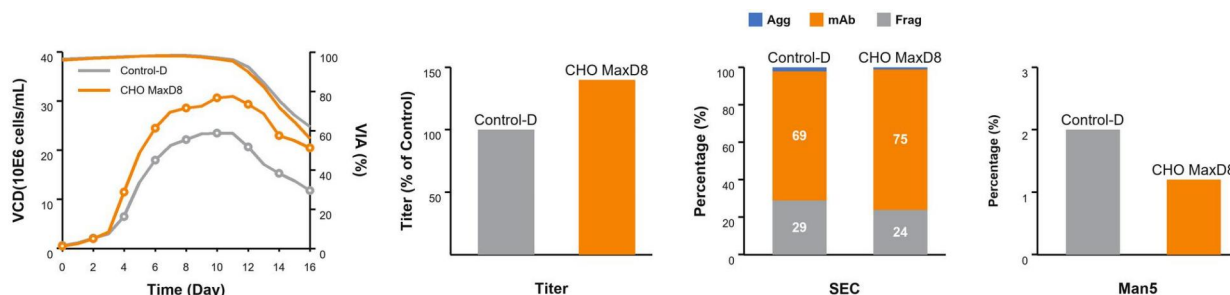
Result: In a CHO-K1 fed-batch mAb process, CHO MaxD7 increased antibody titer by ~30% versus the benchmark medium (Control-D) while maintaining robust cell growth and viability. CEX analysis showed an increased main peak proportion.

■ Case Study (CHO-ZN)



Result: In a CHO-ZN fed-batch mAb process, CHO MaxB increased antibody titer by ~35% versus the benchmark medium. SEC analysis showed a higher mAb main peak proportion, while Man5 levels were reduced, indicating improved antibody integrity and glycosylation quality.

■ Case Study (CHO-S)



Result: In a CHO-S fed-batch mAb process, CHO MaxD8 increased antibody titer by ~40% versus the benchmark medium while maintaining robust cell growth and viability. SEC analysis showed reduced fragment levels and an increased mAb main peak proportion, while lower Man5 levels indicated improved glycan quality.

■ Ordering Information

Name	Volume	Cat No.	Form	Unit	Shelf Life
CHO MaxA	1000 mL	MB1101.102	Liquid	Bottle	12 months
	10 L / 100 L / 500 L	MB1101.201 / MB1101.202 / MB1101.203	Dry Powder	Bottle/Barrel	24 months
CHO MaxA5 Plus	1000 mL	MB1156.102	Liquid	Bottle	12 months
	10 L / 100 L / 500 L	MB1156.201 / MB1156.202 / MB1156.203	Dry Powder	Bottle/Barrel	24 months
CHO MaxB	1000 mL	MB1102.101	Liquid	Bottle	12 months
	10 L / 100 L / 500 L	MB1102.201 / MB1102.202 / MB1102.203	Dry Powder	Barrel	24 months
CHO MaxC	1000 mL	MB1103.102	Liquid	Bottle	12 months
	10 L / 100 L / 500 L	MB1103.201 / MB1103.202 / MB1103.203	Dry Powder	Bottle/Barrel	24 months
CHO MaxD	1000 mL	MB1104.102	Liquid	Bottle	12 months
	10 L / 100 L / 500 L	MB1104.201 / MB1104.202 / MB1104.203	Dry Powder	Bottle/Barrel	24 months
CHO MaxD7	1000 mL	MB1164.101	Liquid	Bottle	12 months
	10 L / 100 L / 500 L	MB1164.201 / MB1164.202 / MB1164.203	Dry Powder	Bottle/Barrel	24 months
CHO MaxD8	1000 mL	MB1165.101	Liquid	Bottle	12 months
	10 L / 100 L / 500 L	MB1165.201 / MB1165.202 / MB1165.203	Dry Powder	Bottle/Barrel	24 months
CHO MaxD9	1000 mL	MB1173.101	Liquid	Bottle	12 months
	10 L / 100 L / 500 L	MB1173.201 / MB1173.202 / MB1173.203	Dry Powder	Barrel	24 months
CHO MaxE	1000 mL	MB1159.101	Liquid	Bottle	12 months
	10 L / 100 L / 500 L	MB1159.201 / MB1159.202 / MB1159.203	Dry Powder	Bottle/Barrel	24 months
CHO MaxE1	1000 mL	MB1172.101	Liquid	Bottle	12 months
	10 L / 100 L / 500 L	MB1172.201 / MB1172.202 / MB1172.203	Dry Powder	Bottle/Barrel	24 months
CHO MaxH1	1000 mL	MB1128.102	Liquid	Bottle	12 months
	10 L / 100 L / 500 L	MB1128.201 / MB1128.202 / MB1128.203	Dry Powder	Bottle/Barrel	18 months
CHO MaxX	1000 mL	MB1113.102	Liquid	Bottle	12 months
	10 L / 100 L / 500 L	MB1113.201 / MB1113.202 / MB1113.203	Dry Powder	Bottle/Barrel	24 months
CHO MaxY	1000 mL	MB1114.102	Liquid	Bottle	12 months
	10 L / 100 L / 500 L	MB1114.201 / MB1114.202 / MB1114.203	Dry Powder	Bottle/Barrel	24 months
CHO MaxY2	1000 mL	MB1166.101	Liquid	Bottle	12 months
	10 L / 100 L / 500 L	MB1166.201 / MB1166.202 / MB1166.203	Dry Powder	Bottle/Barrel	24 months
CHO MaxY3	1000 mL	MB1169.101	Liquid	Bottle	12 months
	10 L / 100 L / 500 L	MB1169.201 / MB1169.202 / MB1169.203	Dry Powder	Bottle/Barrel	24 months
CHO MaxZ	1000 mL	MB1115.102	Liquid	Bottle	12 months
	10 L / 100 L / 500 L	MB1115.201 / MB1115.202 / MB1115.203	Dry Powder	Bottle/Barrel	24 months

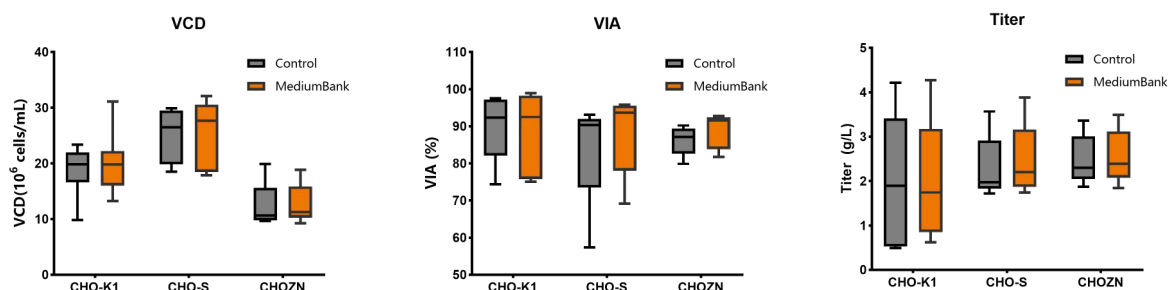
CHO Feed Media

Conventional Feed Media - MaxFA and MaxFB

- DMF-backed dual feed media platform
- Chemically defined
- Support high protein productivity



Case Study

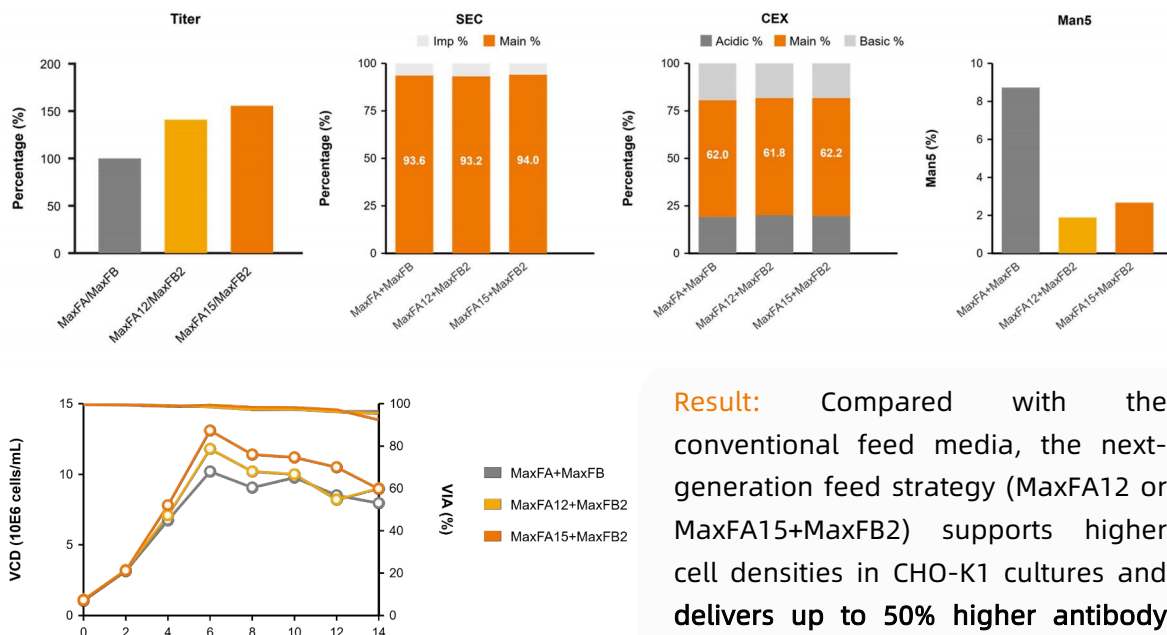


Result: Across 19 development programs, replacement of commercial feed media with MaxFA and MaxFB resulted in comparable cell density, viability, and protein titers.

Next-Generation Feed Media - MaxFA12, MaxFA15 and MaxFB2

- Chemically defined
- Support high protein productivity
- Consistent CQAs

Case Study



Result: Compared with the conventional feed media, the next-generation feed strategy (MaxFA12 or MaxFA15+MaxFB2) supports higher cell densities in CHO-K1 cultures and delivers up to 50% higher antibody titers.

■ Ordering Information

Name	Volume	Cat No.	Form	Unit	Shelf Life
MaxFA	300 mL / 1000 mL	MB1201.101 / MB1201.102	Liquid	Bottle	6 months
	3 L / 10 L / 50 L	MB1201.201 / MB1201.202 / MB1201.206	Dry Powder	Bottle/Barrel	24 months
MaxFA5	300 mL / 1000 mL	MB1230.101 / MB1230.102	Liquid	Bottle	6 months
	3 L / 10 L / 50 L	MB1230.201 / MB1230.202 / MB1230.203	Dry Powder	Bottle/Barrel	24 months
MaxFA6	300 mL	MB1213.101	Liquid	Bottle	6 months
	3 L / 10 L / 50 L	MB1213.201 / MB1213.202 / MB1213.206	Dry Powder	Barrel	18 months
MaxFA9	300 mL / 1000 mL	MB1232.101 / MB1232.102	Liquid	Bottle	6 months
	3 L / 10 L / 50 L	MB1232.201 / MB1232.202 / MB1232.203	Dry Powder	Bottle/Barrel	24 months
MaxFA10	300 mL / 1000 mL	MB1236.101 / MB1236.102	Liquid	Bottle	6 months
	3 L / 10 L / 50 L	MB1236.201 / MB1236.202 / MB1236.203	Dry Powder	Bottle/Barrel	24 months
MaxFA12	500 mL	MB1238.101	Liquid	Bottle	6 months
	3 L / 10 L / 50 L	MB1238.201 / MB1238.202 / MB1238.203	Dry Powder	Barrel	24 months
MaxFA15	500 mL	MB1239.102	Liquid	Bottle	6 months
	3 L / 10 L / 50 L	MB1239.201 / MB1239.202 / MB1239.203	Dry Powder	Barrel	24 months
MaxFC	300 mL	MB1203.103	Liquid	Bottle	6 months
	10 L / 50 L	MB1203.202 / MB1203.203	Dry Powder	Bottle/Barrel	24 months
MaxFC3	500 mL	MB1240.101	Liquid	Bottle	6 months
	10 L / 100 L	MB1240.201 / MB1240.202	Dry Powder	Barrel	24 months
MaxFE	300 mL / 1000 mL	MB1235.101 / MB1235.102	Liquid	Bottle	6 months
	3 L / 10 L / 50 L	MB1235.201 / MB1235.202 / MB1235.203	Dry Powder	Bottle/Barrel	24 months
MaxFX	300 mL / 1000 mL	MB1220.101 / MB1220.102	Liquid	Bottle	6 months
	3 L / 10 L / 50 L	MB1220.201 / MB1220.202 / MB1220.203	Dry Powder	Barrel	24 months
MaxFB	100 mL	MB1202.102	Liquid	Bottle	6 months
	1 L / 5 L / 25 L	MB1202.201 / MB1202.202 / MB1202.203	Dry Powder	Bottle/Barrel	24 months
MaxFB2	100 mL	MB1234.101	Liquid	Bottle	6 months
	1 L / 5 L / 25 L	MB1234.201 / MB1234.202 / MB1234.203	Dry Powder	Bottle/Barrel	24 months

■ Media and Feed Solutions

Cell lines	Basal	Feed
CHO-K1 (ATCC, ECACC)	CHO MaxD7	MaxFA15+MaxFB2
	CHO MaxD8	MaxFA15+MaxFB2
	CHO MaxB	MaxFA12 + MaxFB2
	CHO MaxE	MaxFA15 + MaxFB2
	CHO MaxA	MaxFA+MaxFB
	CHO MaxA5 Plus/CHO MaxY2	MaxFA+MaxFB
CHO-K1 SV(Lonza)	CHO MaxD7	MaxFA15+MaxFB2
CHO-K1 (Horizon)	CHO MaxD4	MaxFA+MaxFB
	CHO MaxD7	MaxFA15+MaxFB2
CHO-ZN	CHO MaxB	MaxFA12 + MaxFB2
	CHO MaxA5 Plus/CHO MaxY2	MaxFA+MaxFB
CHO-DG44	CHO MaxE1	MaxFA+MaxFB
CHO-S	CHO MaxD7	MaxFA+MaxFB
	CHO MaxE	MaxFA15 + MaxFB2
CHO-M	CHO MaxA5 Plus/CHO MaxY2	MaxFA+MaxFB

For reference only. Final selection should be based on project-specific requirements.

CHO Transient Transfection Solutions

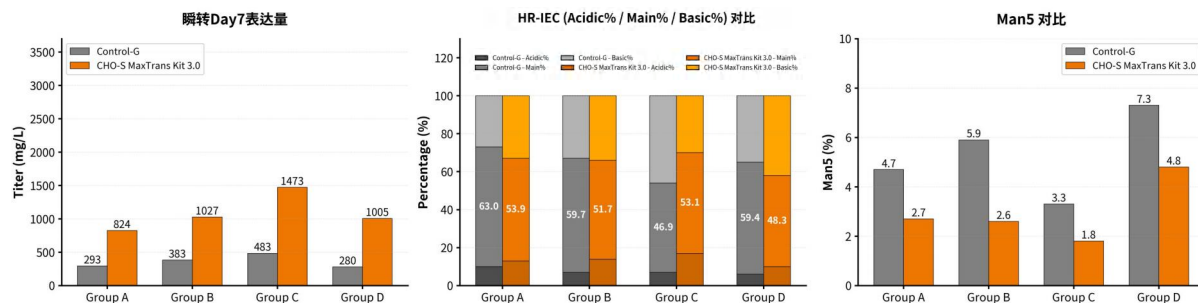
CHO-S MaxTrans Kit 3.0

CHO-S MaxTrans Kit 3.0 is a high-performance transient transfection solution for CHO-S cells, enabling rapid gram-scale production of antibodies and recombinant proteins with **high titers, robust performance, and simplified workflows**



- High protein productivity
- Maintains consistent CQAs
- Compatible with both 7-day and 14-day transient expression workflows.

Case Study



Result: In a 7-day transient transfection process using CHO-S cells, CHO-S MaxTrans Kit 3.0 achieved **200-300% higher titers than the benchmark control (Control-G)** while maintaining comparable product quality attributes.

Ordering Information

Kit	Component	Volume	Cat No.	Description
CHO-S MaxTrans Kit 3.0 (Cat No.: MB7169.1)	Trans MaxC2	1000 mL	MB1171.101	Basal Medium
	TransBuffer A5	100 mL	MB7139.101	Transfection Diluent
	Titer MaxerA	100 mL	MB7107.101	Transfection Enhancer
	TransFeed B	300 mL	MB7168.102	Feed Medium

Transfection Reagent - TransFect A

TransFect A is a transfection reagent developed for transient protein expression in CHO cells. Based on a novel cationic polymer technology, it enables efficient nucleic acid delivery and robust recombinant protein production.

- 90% Lower Reagent Usage vs. PEI
- 70-120% Higher Protein Titers vs. PEI



Ordering Information

Name	Volume	Cat No.	Description
TransFect A	1mL	MB7138.101	Transfection Reagent

CHO Single-Cell Cloning Media

CHO Single-cell cloning Media delivers clone growth speed, cloning efficiency and viability rates comparable to or exceeding leading commercial cloning media to accelerate of high-producing, high-quality production clones.

Product Overview

CHO Cloning MaxA



Cloning Medium

- Rapid Cell Outgrowth
- High Clone Efficiency
- Easy to use

CHO Cloning MaxB



Cloning Medium

- High Cell Viability
- High Clone Efficiency
- Enhanced cell attachment

Cloning MaxerA



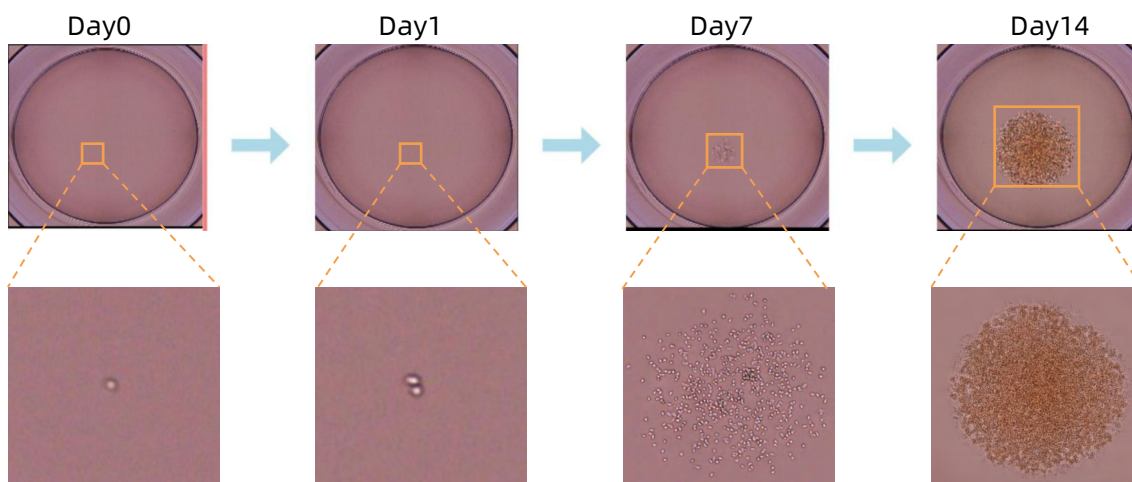
Cloning Growth Enhancer

- Accelerates Cell Growth
- Improves Single-Cell Survival
- Simplified Workflow

Case Study (CHO Cloning MaxB)

Cell Line	Seeding Density	Number of Wells	Assessment Time	Clone Formation Number(CFN)	Clone Formation Rate(CFR%)
CHO-K1	0.5 Cells/well	60 Wells	Day 14	25	83.3%

$$\text{Cloning Efficiency (\%)} = \text{CFN} / (\text{Number of Wells} \times \text{Seeding Density}) \times 100$$



Result: Using CHO Cloning MaxB with CHO-K1 recombinant cell pools, cloning efficiency reached 83.3% on Day 14 at a seeding density of 0.5 cells/well. Time-lapse imaging demonstrated the progression from a single cell to a compact, well-defined colony with uniform morphology.

Ordering Information

Name	Volume	Cat No.	Form	Notes
CHO Cloning MaxA	500ml	MB1147.101	Liquid	non-GMP
CHO Cloning MaxB	500 mL	MB1167.101	Liquid	non-GMP
Cloning MaxerA	2.5 mL	MB7127.101	Liquid	non-GMP

CHO Subculture Media

CHO MaxK and CHO MaxK2 are CD media developed for CHO cell subculture applications. The formulations are free of animal-derived components, hydrolysates, and phenol red. The media support consistent expansion of multiple CHO cell lines, including CHO-S, CHO-K1, and CHO-ZN.



Key Features



Reliable Seed-Train Expansion

Specifically optimized for seed-train applications, supporting efficient post-thaw recovery and sustained expansion with viability consistently above 95%.



Seamless Process Adaptation

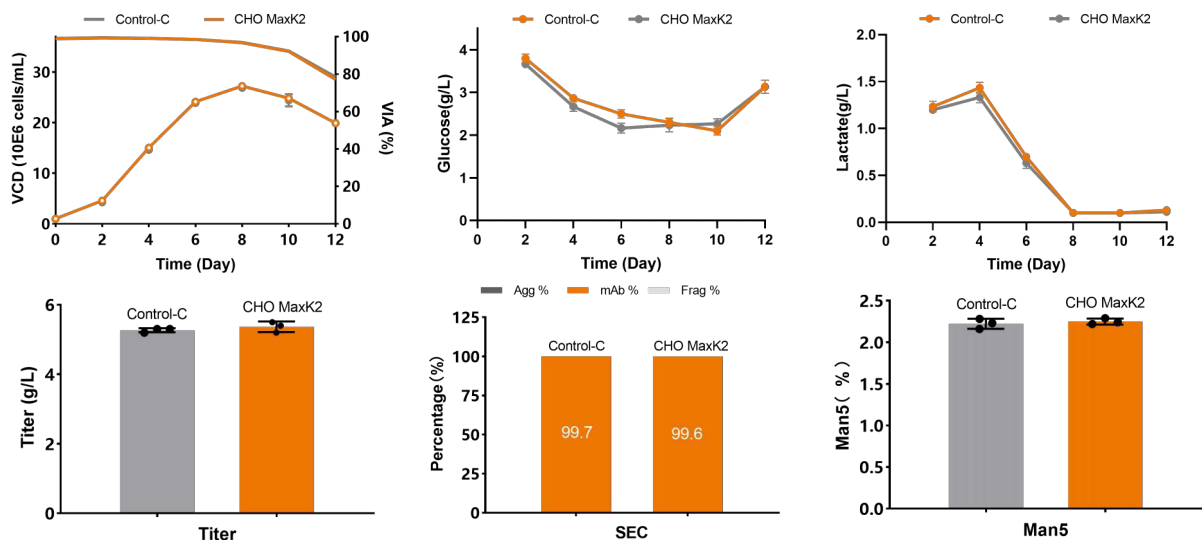
Facilitates robust cell adaptation during medium transition while maintaining consistent recombinant protein expression and CQAs.



Regulatory-Ready

A fully chemically defined formulation free from animal-derived components, hydrolysates and phenol red, ensuring batch-to-batch consistency.

Case Study (CHO MaxK2)



Results: In a CHO-K1 monoclonal antibody process, seed cultures expanded with CHO MaxK2 delivered comparable cell growth, productivity, and product quality comparable to the international commercial medium, supporting a seamless medium replacement strategy.

Ordering Information

Name	Volume	Cat No.	Form
CHO MaxK	1000ml	MB1168.102	Liquid
	10L / 100L / 500L	MB1168.201 / MB1168.202 / MB1168.203	Dry Powder
CHO MaxK2	1000ml	MB1175.102	Liquid
	10L / 100L / 500L	MB1175.201 / MB1175.202 / MB1175.203	Dry Powder

CHO Perfusion Media

CHO Perfusion Medium MaxE is a CD medium specifically developed for CHO cell lines and optimized for a broad range of high-density perfusion culture processes. The medium provides robust nutritional support and exceptional lot-to-lot consistency, enabling higher productivity and lower production costs.

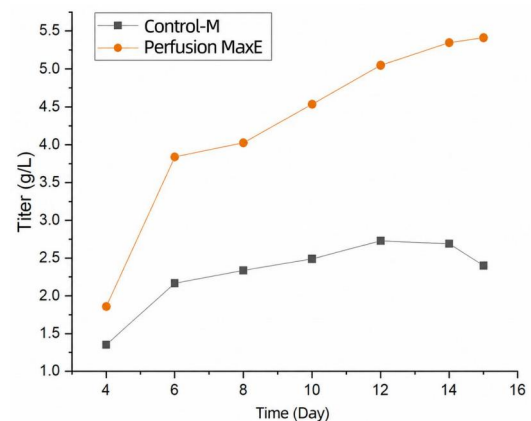


Key Features

- Chemically Defined, Animal-Derived Component-Free
- Broad CHO Cell Line Compatibility (including CHO-K1, CHO-S, DG44, and CHO-ZN)
- Enhanced Productivity

Case Study

Goal	Increase Productivity While Maintaining Product Quality
Cell Line	CHO-K1SV
Type / Stage	mAb / Pre-IND
Process Mode	Perfusion
Seeding Density/ Perfusion Rate	20M/1VVD
Scale	Shake Tube
Control Group	Control-M
MediumBank Group	Perfusion MaxE



Results : In perfusion culture of CHO-K1SV cells, Perfusion MaxE achieved **more than a 200% increase** in productivity while maintaining comparable final product quality relative to the benchmark medium.

Ordering Information

Name	Volume	Cat No.	Form
Perfusion MaxE	1000ml	MB1157.101	Liquid
	10L/100L	MB1157.201/MB1157.202	Dry Powder

| GMP-Grade Bioprocess Reagents

MediumBank's bioprocess reagents support critical stages of the cell culture workflow, including **media supplements**, **antibody quality modulators**, **transfection reagents**, **anti-aggregation agents**, **antifoams**. Available in a range of package sizes to support applications from early-stage research to commercial-scale manufacturing.



Cell Culture Modulators

Type	Name	Volume	Cat No.	Form	Shelf Life	Notes
Transfection Reagent	TransFect A	1mL	MB7138.101	Liquid	18 months	p15
	TransFect B	1mL	MB7171.101	Liquid	24 months	
Glycosylation Modulator	TE MaxA	100ml/1000ml	MB7101.101 / MB7101.103	Liquid	24 months	p15
		10L	MB7101.201	Dry Powder	24 months	
	MaxFeed3	10L	MB7129.201	Dry Powder	24 months	
	MaxGLA+	100ml/1000ml	MB7104.102 / MB7104.103	Liquid	24 months	
	MaxS099-1	500ml	MB7174.101	Liquid	24 months	
Media Supplement	MaxHT	100ml/1000ml	MB7103.102 / MB7103.103	Liquid	24 months	p16
	MaxGLN	100ml/1000ml	MB7110.102 / MB7110.103	Liquid	24 months	
		100g/1000g	MB7110.202 / MB7110.203	Dry Powder	24 months	
	MaxLipids A	50ml/1000ml	MB7131.101/MB7131.102	Liquid	24 months	
	CellMaxer	100ml/1000ml	MB7106.102 / MB7106.103	Liquid	24 months	
Cloning Enhancer	Cloning MaxerA	2.5mL	MB7127.101	Liquid	12 months	p10
Quality Modulator	MaxS072	100ml/1000ml	MB7167.101/MB7167.102	Liquid	24 months	p16
	MaxS104	1.5g/15g	MB7164.201/MB7164.202	Dry Powder	12 months	
Productivity Enhancer	Titer MaxerA	100ml/1000ml	MB7107.101 / MB7107.102	Liquid	24 months	
Antifoams for Suspension Cell	MaxAntifoam A	50g/500g/2.5kg	MB7111.1/MB7111.101 / MB7111.102	Liquid	12 months	p17
	MaxAntifoam B	50g/500g/2.5kg	MB7130.103/MB7130.101/MB7130.102	Liquid	12 months	
Anti-aggregation Agent	MaxACA	100ml/1000ml	MB7109.102 / MB7109.103	Liquid	24 months	p17
		10L	MB7109.201	Dry Powder	24 months	

Comprehensive GMP-Grade Bioprocess Reagent Solutions

 **Raw Materials** · Audit-Ready · Multiple Package Sizes Available · Flexible Supply Times

Name	CAS No.	Molecular Weight	Cat No.	Volume	Grade
N-Acetyl-D-Glucosamine	7512-17-6	221.21	MB8008.200	10 g	non-GMP
	7512-17-6	221.21	MB8008.201	200 g	GMP
	7512-17-6	221.21	MB8008.202	1000 g	GMP
	7512-17-6	221.21	MB8008.203	5000 g	GMP
D-Galactose	59-23-4	180.16	MB8007.200	10 g	non-GMP
	59-23-4	180.16	MB8007.201	500 g	GMP
	59-23-4	180.16	MB8007.202	5000 g	GMP
Manganese Sulfate Monohydrate	10034-96-5	169.02	MB8006.200	10 g	non-GMP
	10034-96-5	169.02	MB8006.201	100 g	GMP
	10034-96-5	169.02	MB8006.202	500 g	GMP
Uridine	58-96-8	244.20	MB8005.200	10 g	non-GMP
	58-96-8	244.20	MB8005.201	100 g	GMP
	58-96-8	244.20	MB8005.202	1000 g	GMP
Dextran Sulfate Sodium Salt	N/A	N/A	MB8001.200	5 g	non-GMP
	N/A	N/A	MB8001.201	100 g	GMP
	N/A	N/A	MB8001.202	500 g	GMP
Ferric Ammonium Citrate	1185-57-5	N/A	MB8016.201	1kg	GMP
	1185-57-5	N/A	MB8016.202	5kg	GMP
Copper Sulfate Pentahydrate	7758-99-8	249.69	MB8010.200	10 g	non-GMP
	7758-99-8	249.69	MB8010.201	100 g	GMP
	7758-99-8	249.69	MB8010.202	500 g	GMP
L-Asparagine	70-47-3	132.12	MB8002.200	10 g	non-GMP
	70-47-3	132.12	MB8002.201	100 g	GMP
	70-47-3	132.12	MB8002.202	5 kg	GMP
Glucosamine Hydrochloride	66-84-2	215.63	MB8003.201	500 g	non-GMP

| Transfection Reagents

Transfection reagents are based on a novel cationic polymer technology designed for high-efficiency transient protein expression. They form stable nucleic acids complexes to enable efficient cellular uptake and gene delivery in CHO and HEK293 cells, supporting high-productivity protein expression.

■ Key Features



TransFect A

Optimized for CHO Cells

- Chemically Defined
- 70-120% higher protein titers compared with PEI
- Only 10% of reagent compared with PEI



TransFect B

Optimized for HEK293 Cells

- Chemically Defined
- Significantly higher protein titers compared with PEI
- Only 50% of the reagent amount with PEI

■ Ordering Information

Name	Volume	Cat No.	Description
TransFect A	1mL	MB7138.101	Transfection Reagents
TransFect B	1mL	MB7171.101	Transfection Reagents

| Glycosylation Modulators

MediumBank offers a portfolio of animal component-free, chemically defined glycosylation modulators that enable targeted regulation of glycosylation pathways. These solutions support precise modulation of galactosylation, high-mannose (Man5) reduction, and fucosylation control across development and commercial production, enabling tailored glycosylation optimization throughout the product lifecycle.



■ Ordering Information

Name	Volume	Cat No.	Description
MaxGLA+	100ml/1000ml	MB7104.102 / MB7104.103	Increase % Galactosylation
TE MaxA	100ml/1000ml	MB7101.101 / MB7101.103	Reduce % Galactosylation
MaxS099-1	500ml	MB7174.101	Reduce Core % Fucosylation
MaxFeed3	10L	MB7129.201	Increase Core % Fucosylation

| Quality Modulator

MaxS104 is a quality modulator for antibody quality optimization in CHO cell culture processes. Compatible with CHO-S, CHO-K1, CHO-DG44 and CHO-ZN suspension culture systems, MaxS104 effectively improves antibody charge variant profiles and reduces aggregate levels.



■ Key Features

- Animal-Derived Component-Free (ADCF)
- Chemically Defined for Excellent Batch-to-Batch Consistency
- Designed for GMP-Compliant Manufacturing
- Improves Antibody Charge Profiles and Reduces Aggregation

■ Ordering Information

Name	Volume	Cat No.	Form
MaxS104	1.5g	MB7164.201	Dry Powder
	15g	MB7164.202	Dry Powder

| Cell Culture Supplements

MediumBank offers a comprehensive portfolio of high-performance cell culture supplements for supporting cellular metabolism, growth, and productivity. MaxHT supplies key metabolic pathway substrates. MaxGLN (stabilized glutamine) helps reduce ammonia accumulation associated with glutamine metabolism. CellMaxer promotes cell growth and culture performance. MaxLipids A provides essential lipid supplementation for cell culture, particularly for insect cell expression systems.



■ Ordering Information

Name	Volume	Cat No.	Description
MaxHT	100ml/1000ml	MB7103.102 / MB7103.103	HT Supplement
MaxGLN	100ml/1000ml	MB7110.102 / MB7110.103	Stabilized Glutamine Supplement
CellMaxer	100ml/1000ml	MB7106.102 / MB7106.103	Enhance Cell Growth
MaxLipids A	50ml/100ml	MB7131.101/MB7131.102	Recommended for use with Insect MaxE

| Antifoam

MaxAntifoam B is a ready-to-use silicone-based antifoam developed for mammalian cell culture processes and well suited for the development and commercial manufacturing of biologics, including monoclonal antibodies and fusion proteins.



■ Key Features

- **Regulatory Compliance**
Chemically defined, ACDF, manufactured using USP-grade raw materials.
- **Ease of Use**
Supplied in gamma-irradiated sterile bags equipped with weldable thermoplastic tubing for aseptic connection and integrated sterile sampling lines.
- **Ready-to-Use**
Eliminates media preparation and available in multiple package sizes for different production scales.

■ Ordering Information

Name	Volume	Cat No.	Form
MaxAntifoam B	50g	MB7130.103	Liquid
	500g	MB7130.101	Liquid
	2.5kg	MB7130.102	Liquid

| Anti-aggregation Agent

MaxACA is a concentrated liquid anti-aggregation agent designed to minimize cell aggregation and support higher viable cell densities in suspension cultures. MaxACA is a gentle, animal-derived component-free, chemically defined formulation containing no proteins, enzymes, hydrolysates, or other undefined components. It is suitable for CHO, HEK293, and insect cell cultures in both batch and fed-batch processes.



■ Key Features

- **Chemically Defined:** Free of animal-derived components, proteins, enzymes, and hydrolysates.
- **Gentle on Cells:** Effectively reduces cell aggregation, enabling higher viable cell densities in suspension cultures and improving recombinant protein expression.

■ Ordering Information

Name	Volume	Cat No.	Form
MaxACA	100ml	MB7109.102	Liquid
	1000ml	MB7109.103	Liquid

| MediumBank Cell therapy Solutions

| Cell therapy Solutions

Stem Cells	Immune Cells	Cryopreservation	Serum-Free Development Services
■ MSC CD Medium ■ MSC HPL Medium ■ MSC Low-HPL Medium ■ MSC Microcarrier 3D Culture Platform	■ T Cell Culture Kit ■ NK Cell Culture Kit ■ CIK Cell Culture Kit ■ $\gamma\delta$T Cell Culture Kit	■ DM50 Cryopreservation Medium ■ Injectable-Grade Cryopreservation Medium	■ CHO Cells ■ Primary Cells ■ Vero Cells

| Mesenchymal Stem Cell Culture Media

MSC MaxA

Ready-to-Use High-Expansion Medium



- Rapid proliferation
- high cloning efficiency
- ease of use

Large-Scale Cell Expansion & Recovery

CD MSC MaxB

Chemically Defined Medium



- ACF
- Exosome-free
- Supports 3D culture
- Consistent quality control

Exosome Production & Secretome Harvest

MSC MaxC

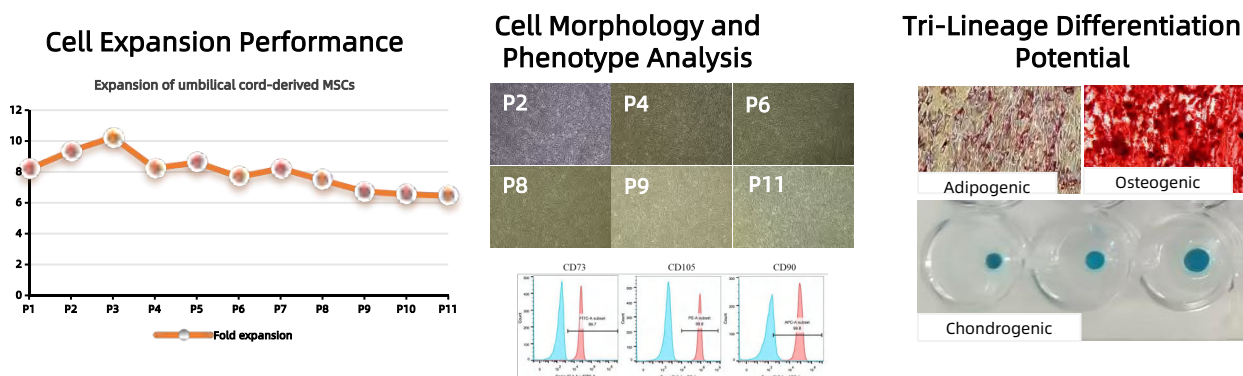
Clinical-Grade High-Stability Medium



- Low HPL Requirement
- Preserves MSC Phenotype
- Supports 3D Culture

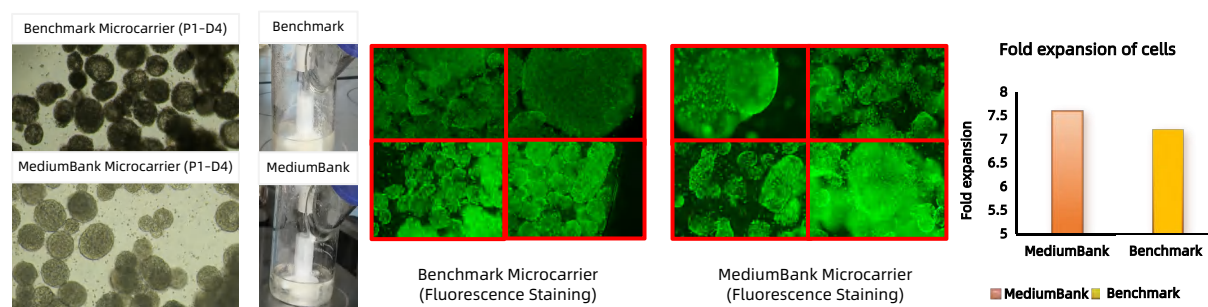
Culture of Sensitive Cells, Cell Recovery & Exosome Harvest

■ Case Study (CD MSC MaxB)



Result: Approximately 10-fold expansion was achieved within 3 days. Cells maintained the characteristic spindle-shaped morphology of MSCs, with healthy growth, well-defined cell boundaries, and no signs of spontaneous differentiation.

3D Culture Performance Comparison



Result: MediumBank's serum-free culture solution supports continuous 3D culture of MSCs. MediumBank's proprietary microcarrier-based 3D culture platform more closely replicates in vivo growth conditions, delivers higher expansion rates, and provides excellent stability without degradation. The microcarriers can be directly degraded using TrypLE™, enabling efficient cell harvesting.

Ordering Information

Cell Line	Name	Volume	Cat No.	Form
MSC MaxA	MSC MaxA Basal	475 mL	MB6104.101	Liquid
	MSC MaxA Supplement	25 mL	MB6105.101	Liquid
CD MSC MaxB	CD MSC MaxB Basal	500 mL	MB6106.101	Liquid
	CD MSC MaxB Supplement	5 mL	MB6107.101	Liquid
MSC MaxC	MSC MaxC Basal	500 mL	MB6111.101	Liquid
	MSC MaxC Supplement	5 mL	MB6112.101	Liquid

NK Cell Culture Solutions

NK MaxA (Basal Medium)

- Chemically defined and ADCF
- long-term NK cell growth and expansion

NK Expander Kit (Expander Kit)

- Optimized cytokine activation system
- High-fold expansion

NK Purification Cocktail Kit (Purification Cocktail Kit)

- High enrichment & high activity
- Simple operation without magnetic cell sorting equipment



Expansion Solution

NK MaxA+ NK Expander Kit

Optimized cytokine activation system
without feeder cells

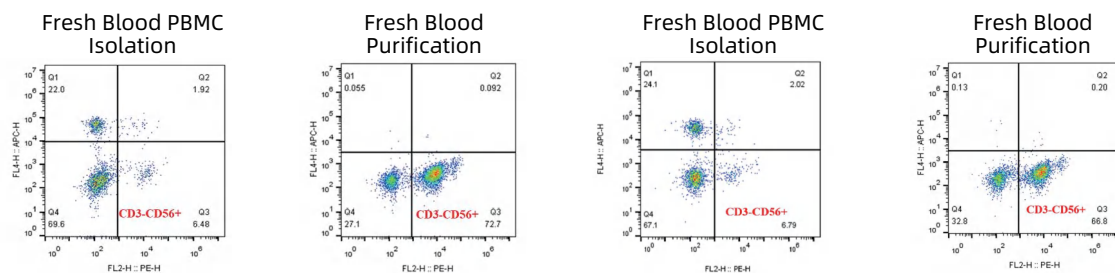
Purification-to-Expansion Solution

NK MaxA+ NK Expander Kit + NK Purification Cocktail Kit

Standardized workflow
from peripheral blood to highly active NK cells

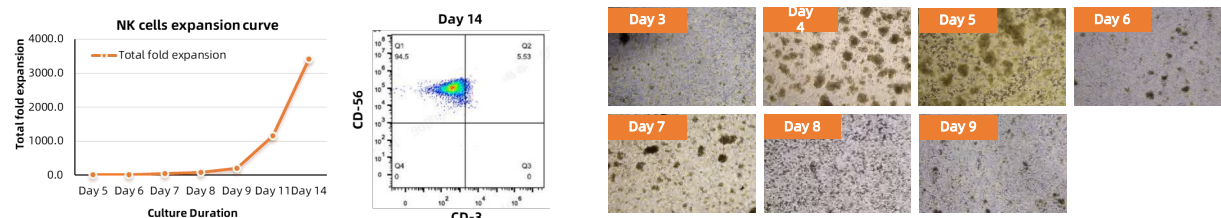
Case Study

Purification Performance (Flow Cytometric Analysis of CD3⁻CD56⁺ NK Cell Purity)



NK Cell Purity Assessment: NK cell purity increased from 6.48% to 72.7% in human whole blood samples and from 6.79% to 66.8% in human umbilical cord blood samples following purification.

Expansion Performance (NK MaxA + NK Expander Kit)



Results: Following 14 days of culture using unpurified PBMCs, NK cells achieved greater than **3,000-fold expansion**. The purity of CD3⁻CD56⁺ NK cells reached 94.5%, with vigorous proliferation and uniform cell morphology.

Ordering Information

Product Name	Component	Form	Volume	Qty	Cat No.	Description
NK MaxA	--	LM	1000 mL	2	MB6113.101	Basal Medium
NK Expander Kit (MB6114.2)	NK Expander A	DPM	--	1	MB6114-1.201	Activation Factor
	NK Expander B	DPM	--	1	MB6114-2.201	Activation Factor
	NK Expander C	DPM	--	2	MB6114-3.201	Activation Factor
	NK Expander D	DPM	--	1	MB6114-4.201	Activation Factor
NK Purification Cocktail Kit	--	LM	--	1	MB6122.2	Purification Factor

| Cell Cryopreservation Media

Cell Freezing Max series is a portfolio of ready-to-use cryopreservation media for both DMSO-containing and DMSO-free formulations, utilizing optimized intracellular and extracellular protection systems to minimize cryoinjury and ensure high post-thaw recovery and viability.



■ Key Features

- ◆ **Safe and Compliant:** Chemically defined, ADCF, and GMP-grade manufactured.
- ◆ **Broad Cell Compatibility:** Suitable for cryopreservation of various mammalian cell lines and primary cells, including CHO, HEK293, HeLa, BHK, SP2/0, MSCs, T cells, NK cells, and CIK cells.
- ◆ **Easy-to-Use:** No controlled-rate freezing required. Cells can be directly resuspended and stored at -80°C for long-term preservation or transferred to liquid nitrogen the following day.
- ◆ **High-Density & Viability:** Supports high-density cell freezing with post-thaw viability exceeding 90% while maintaining cellular functionality.

Cell Freezing MaxA

Contains 7.5% DMSO | Broad Cell Compatibility | high post-thaw viability

Cell Freezing MaxC

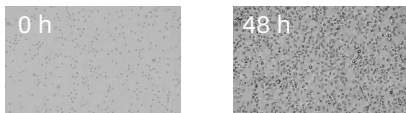
DMSO-free | Injectable-grade raw materials for cell therapy and clinical applications

■ Case Study

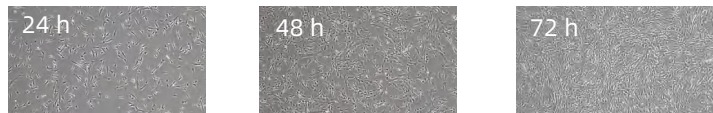
● Cell Freezing Max A (7.5%DMSO)

Performance Metrics	HEK 293	MSC	LMH 002	Vero
Cryopreservation Density (cells/mL)	$5 \times 10^6 - 2 \times 10^7$	$1 \times 10^6 - 1 \times 10^7$	$5 \times 10^6 - 3 \times 10^7$	$1 \times 10^6 - 1 \times 10^7$
Post-Thaw Viability	> 92%	> 95%	> 95%	> 98%

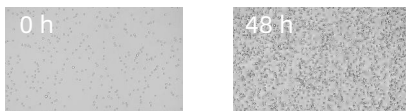
HEK293 Cell: 3.6-Fold Expansion in 48 h



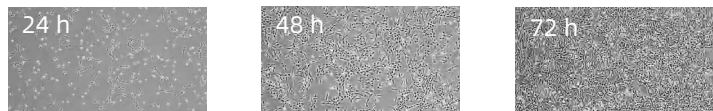
MSC: 8.7-Fold Expansion in 72 h



LMH-002 Cell: 6.22-Fold Expansion in 48 h



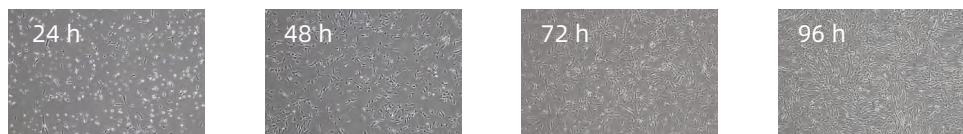
Vero Cell: 11.85-Fold Expansion in 72 h



● Cell Freezing Max C (DMSO-Free)

Name	Cryopreservation Density	Fresh Cell Viability	Post-Thaw Viability	Viable Cell Recovery	96h Expansion
Cell Freezing MaxC	1×10 ⁶ -1×10 ⁷	~97%	> 93%	> 85%	> 5.5

Result: Following cryopreservation in Cell Freezing MaxC, umbilical cord-derived MSCs achieved post-thaw viabilities above 93%, outperforming the benchmark medium (Control-S).



Post-Thaw MSC Morphology : MSCs cryopreserved in Cell Freezing MaxC maintained normal morphology, stable attachment, and robust growth after thawing, achieving a 5.62-fold expansion within 4 days.

■ Ordering Information

Name	Cat No.	Volume	Form	DMSO	Protein	Serum	Cytokines
Cell Freezing MaxA	MB7136.101	100 mL	Liquid	√	×	×	×
Cell Freezing MaxC*	MB7166.101	100 mL	Liquid	×	×	×	×

** All components in Cell Freezing MaxC are injectable-grade raw materials and excipients.*

| MediumBank Other Cell Culture Platforms

| HEK293 MaxTrans Kit 1.0

■ Product Overview

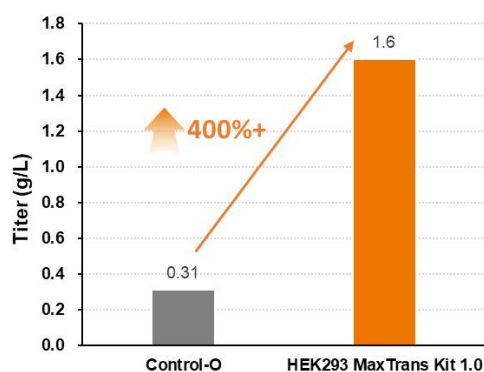
HEK293 MaxTrans Kit 1.0 is a high-efficiency transient transfection solution developed for HEK293 cells. It overcomes cell density limitations in conventional systems and enables gram-scale protein production within 5–7 days. The platform delivering high titers, consistent product quality, and simplified process execution.



■ Key Features

- **High Yield & Simple Workflow**
Achieve gram-level titers in a 5–7 day transient transfection process
- **High Versatility**
Broadly applicable to monoclonal antibodies, bispecific antibodies, recombinant proteins, etc.
- **High-Density Transfection**
Support high-density transfection at $5.5\text{--}7.0 \times 10^6$ cells/mL

■ Case Study



Host cell: HEK293F | Process duration: 7 days

Result: In a bispecific antibody project, HEK293 MaxTrans Kit 1.0 achieved a protein titer of 1.6 g/L, representing an **over 400% increase** versus the benchmark control.

■ Ordering Information

Kit	Component	Volume	Qty	Cat No.	Description
HEK293 MaxTrans Kit 1.0 (Cat No.: MB7170.1)	HEK293 MaxX	1000 mL	1	MB4110.102	Basal medium
	TransFect B	1mL	3	MB7171.101	Transfection Reagent
	TransBuffer A5	100 mL	2	MB7139.101	Diluent
	MaxFA6	300 mL	1	MB1213.101	Feed medium
	MaxFB	100 mL	1	MB1202.102	Feed medium

| HEK293 Cell Culture Medium

■ Product Overview

MediumBank HEK293 MaxX is an animal component-free, chemically defined medium for HEK293 cell metabolism. It supports rapid adaptation and robust growth across multiple HEK293 cell lines, enabling high-density suspension culture and provides excellent support for both stable cell line development and long-term cultivation.

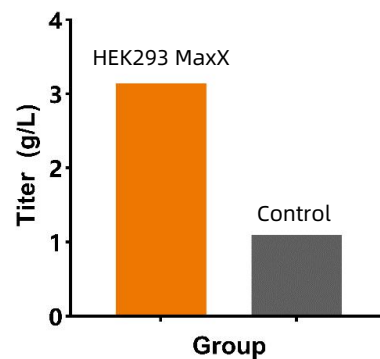
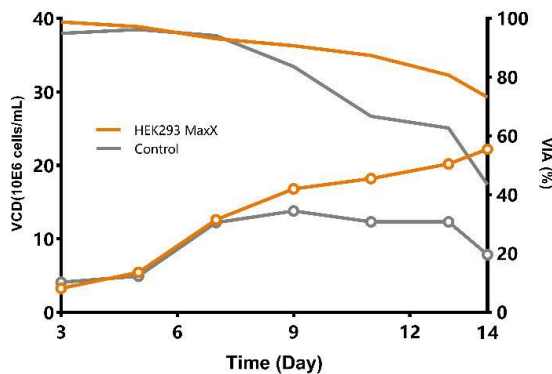


Supports both transient transfection and stable cell line Culture

- Chemically defined and ADCF
- Enables high-density cell growth
- Optimized for stable cell line development and enhanced recombinant protein production

■ Case Study

Goal	Productivity Improvement		
Cell Line	HEK293	Phase	Pre-IND
Process	Fed-Batch Culture of Stable Cell Lines	Scale	SF125
MediumBank Group	HEK293 MaxX	Control Group	Control



Results : Compared with the customer's existing process, the HEK293 MaxX platform increased recombinant protein production by 200% while maintaining robust cell growth and process performance.

■ Ordering Information

Name	Volume	Cat No.	Form
HEK293 MaxX	1000 ml	MB4110.102	Liquid
	10 L/100 L/500 L	MB4110.201/MB4110.202/MB4110.203	Dry Powder

| Insect Cell Culture Medium

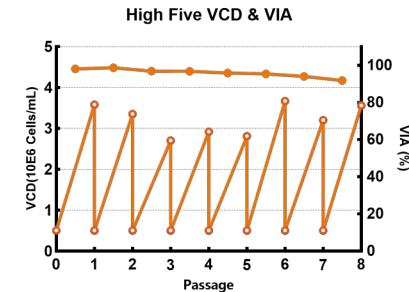
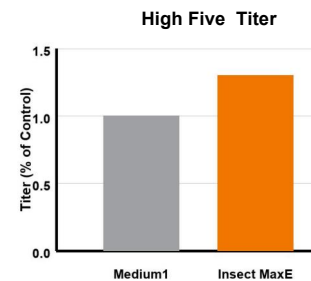
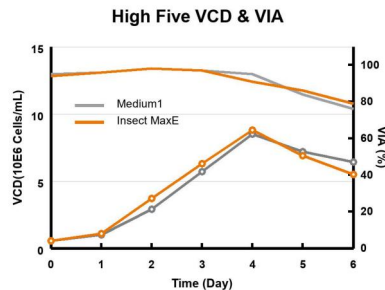
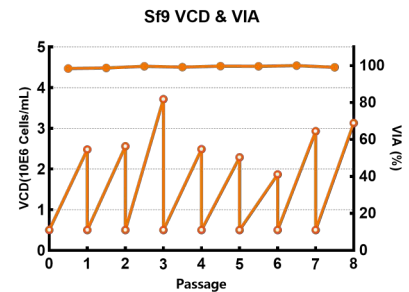
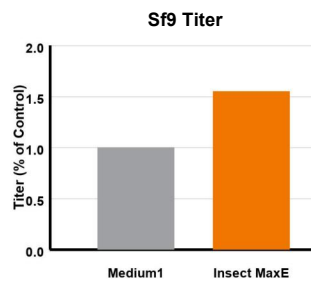
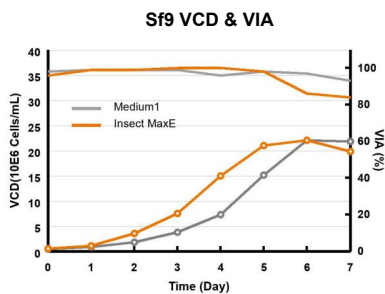
■ Product Overview

Insect MaxE is a serum-free medium developed to support high-density suspension culture of insect cells. It enables robust growth of both Sf9 and High Five cells, maintaining high cell viability and supporting enhanced recombinant protein expression.

- High Cell Density and High Protein Titters
- Compatible with Both Sf9 and High Five Cell Lines
- Serum-Free and Animal Component-Free
- Available in Both Liquid and Dry Powder Formats



■ Case Study



Result: Insect MaxE supports high-density suspension culture of Sf9 and High Five cells, reaching peak cell densities of $\sim 21 \times 10^6$ cells/mL and $\sim 7 \times 10^6$ cells/mL, respectively. Compared with the benchmark medium (Medium1), Insect MaxE significantly increased recombinant protein titers by 55-60% in Sf9 cells and 31-42% in High Five cells, while maintaining stable long-term growth over multiple passages under a 48-hour subculture schedule.

■ Ordering Information

Name	Volume	Cat No.	Form
Insect MaxE	1000 mL	MB5108.101	Liquid
	10L/100L/500L	MB5108.201 / MB5108.202 / MB5108.203	Dry Powder

| Hybridoma Cell Culture Medium

■ Product Overview

MAB MaxA2 is a high-performance, ADCF suspension medium specifically developed for hybridoma cell culture, optimizing for cell recovery, expansion, and stable monoclonal antibody production of Sp2/0 and NS0 cells. The medium provides robust growth and metabolic support for hybridoma cell lines with demanding culture requirements and is suitable for both process development and commercial manufacturing.



■ Key Features



Seamless Media Replacement

Supports seamless process transfer with performance comparable to leading benchmark media.



High-Density, High-Productivity Culture

Optimized for high-density suspension culture and enhanced antibody expression.



Hybridoma Cell Compatibility

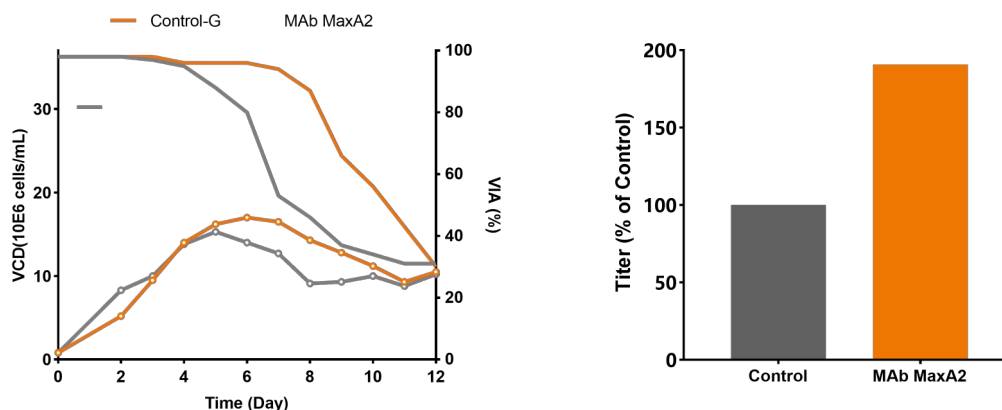
Supports robust expansion and long-term culture of SP2/0 and NS0 cell lines.



ADCF Formulation

Animal-derived component-free, hydrolysate-free, and phenol red-free formulation.

■ Case Study



Results : In fed-batch suspension culture of SP2/0 cells, MAB MaxA2 achieved significantly higher peak viable cell density than the control medium. Final monoclonal antibody titer was nearly two-fold higher than the control.

■ Ordering Information

Name	Volume	Cat No.	Form
MAB MaxA2	1000ml	MB2123.102	Liquid
	10L/100L/500L	MB2121.201 / MB2121.202 / MB2121.203	Dry Powder

| MediumBank Customized Services

| Rapid Powder Production (RPP)

Rapid Powder Production (RPP) is a fast-turnaround contract manufacturing service for powder media, providing high-quality solutions through advanced processes and a robust quality system to support R&D and commercialization.



Rapid Delivery & Flexible Response
powder and liquid media production with delivery in as fast as **2 weeks**.



IP Protection
Exclusive formulation licensing with strict confidentiality.



End-to-End Quality Control
Full traceability from raw materials to final release under GMP standards.



Dual GMP Sites & Multi-Line Manufacturing
Multiple GMP sites and lines ensuring stable, flexible supply.



Micronization & Blending
German pin milling and multidimensional blending for uniform particle size distribution.

| Efficient Hydration Solution (EHS)

Efficient Hydration Solution (EHS) is a standardized platform for liquid media and bioprocess reagent preparation. Through optimized hydration and process control, it delivers consistent, homogeneous media while reducing operational complexity and process risk.



Custom Formulation
Flexible customization of formulation, packaging, and specifications.



Sterility Assurance
GMP cleanroom manufacturing ensuring sterility control.



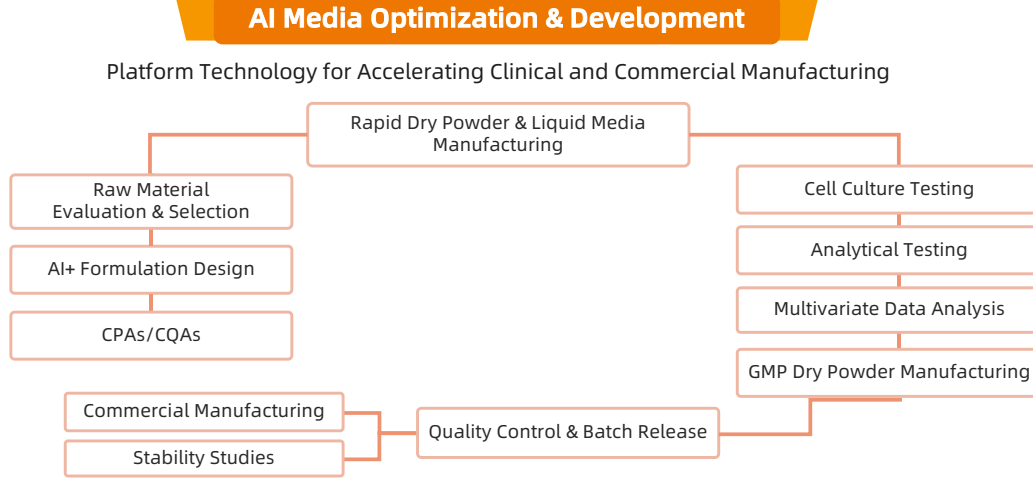
Solubility Optimization
Controlled pH and temperature for efficient reconstitution.



Scalable Supply
Large-scale liquid media production with integrated logistics.



Process Quality Control
Comprehensive quality control across preparation, filtration, and filling processes.



- Improving cell culture productivity
- Optimizing product quality attributes
- Platform media development
- Media formulation licensing

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- Shorter development timelines
- Faster commercialization (dry powder)
- Robust supply & licensing support

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MediumBank's AIMD solution combines AI-driven modeling with high-throughput screening to deliver optimized media formulations in as little as **2-3 months**, accelerating process development.

Reliable Supply Capacity >>>>>>>>>>



MFG1 Shanghai Manufacturing Site (4,000 m²)

- Dry Powder: 10 million L/year; 600 kg/batch
- Liquid: 500,000 L/year; 2,000 L/batch



MFG2 Nanjing Manufacturing Site (9,000 m²)

- Dry Powder: 100 million L/year; 4,000 kg/batch
- Liquid: 1 million L/year; 5,000 L/batch

MediumBank Product Catalog

Type	Name	Volume	Cat No.	Form	Shelf Life
CHO Basal Medium	CHO MaxA	1000 mL	MB1101.102	Liquid	12 months
		10 L / 100 L / 500 L	MB1101.201 / MB1101.202 / MB1101.203	Dry Powder	24 months
	CHO MaxA5 Plus	1000 mL	MB1156.102	Liquid	12 months
		10 L / 100 L / 500 L	MB1156.201 / MB1156.202 / MB1156.203	Dry Powder	24 months
	CHO MaxB	1000 mL	MB1102.101	Liquid	12 months
		10 L / 100 L / 500 L	MB1102.201 / MB1102.202 / MB1102.203	Dry Powder	24 months
	CHO MaxC	1000 mL	MB1103.102	Liquid	12 months
		10 L / 100 L / 500 L	MB1103.201 / MB1103.202 / MB1103.203	Dry Powder	24 months
	CHO MaxD7	1000 mL	MB1164.101	Liquid	12 months
		10 L / 100 L / 500 L	MB1164.201 / MB1164.202 / MB1164.203	Dry Powder	24 months
	CHO MaxD8	1000 mL	MB1165.101	Liquid	12 months
		10 L / 100 L / 500 L	MB1165.201 / MB1165.202 / MB1165.203	Dry Powder	24 months
	CHO MaxD9	1000 mL	MB1173.101	Liquid	12 months
		10 L / 100 L / 500 L	MB1173.201 / MB1173.202 / MB1173.203	Dry Powder	24 months
	CHO MaxE	1000 mL	MB1159.101	Liquid	12 months
		10 L / 100 L / 500 L	MB1159.201 / MB1159.202 / MB1159.203	Dry Powder	24 months
	CHO MaxE1	1000 mL	MB1172.101	Liquid	12 months
		10 L / 100 L / 500 L	MB1172.201 / MB1172.202 / MB1172.203	Dry Powder	24 months
	CHO MaxH1	1000 mL	MB1128.102	Liquid	12 months
		10 L / 100 L / 500 L	MB1128.201 / MB1128.202 / MB1128.203	Dry Powder	18 months
	CHO MaxX	1000 mL	MB1113.102	Liquid	12 months
		10 L / 100 L / 500 L	MB1113.201 / MB1113.202 / MB1113.203	Dry Powder	24 months
	CHO MaxY	1000 mL	MB1114.102	Liquid	12 months
		10 L / 100 L / 500 L	MB1114.201 / MB1114.202 / MB1114.203	Dry Powder	24 months
	CHO MaxY2	1000 mL	MB1166.101	Liquid	12 months
		10 L / 100 L / 500 L	MB1166.201 / MB1166.202 / MB1166.203	Dry Powder	24 months
	CHO MaxY3	1000 mL	MB1169.101	Liquid	12 months
		10 L / 100 L / 500 L	MB1169.201 / MB1169.202 / MB1169.203	Dry Powder	24 months
	CHO MaxZ	1000 mL	MB1115.102	Liquid	12 months
		10 L / 100 L / 500 L	MB1115.201 / MB1115.202 / MB1115.203	Dry Powder	24 months
CHO Feed Medium	MaxFA	300 mL / 1000 mL	MB1201.101 / MB1201.102	Liquid	6 months
		3 L / 10 L / 50 L	MB1201.201 / MB1201.202 / MB1201.206	Dry Powder	24 months
	MaxFA6	300 mL	MB1213.101	Liquid	6 months
		3 L / 10 L / 50 L	MB1213.201 / MB1213.202 / MB1213.206	Dry Powder	18 months
	MaxFA9	300 mL / 1000 mL	MB1232.101 / MB1232.102	Liquid	6 months
		3 L / 10 L / 50 L	MB1232.201 / MB1232.202 / MB1232.203	Dry Powder	24 months
	MaxFA10	300 mL / 1000 mL	MB1236.101 / MB1236.102	Liquid	6 months
		3 L / 10 L / 50 L	MB1236.201 / MB1236.202 / MB1236.203	Dry Powder	24 months
	MaxFA12	500 mL	MB1238.101	Liquid	6 months
		3 L / 10 L / 50 L	MB1238.201 / MB1238.202 / MB1238.203	Dry Powder	24 months
	MaxFA15	500 mL	MB1239.102	Liquid	6 months
		3 L / 10 L / 50 L	MB1239.201 / MB1239.202 / MB1239.203	Dry Powder	24 months
	MaxFC	300 mL	MB1203.103	Liquid	6 months
		10 L / 50 L	MB1203.202 / MB1203.203	Dry Powder	24 months
	MaxFC3	500 mL	MB1240.101	Liquid	6 months
		10 L / 100 L	MB1240.201 / MB1240.202	Dry Powder	24 months
	MaxFE	300 mL / 1000 mL	MB1235.101 / MB1235.102	Liquid	6 months
		3 L / 10 L / 50 L	MB1235.201 / MB1235.202 / MB1235.203	Dry Powder	24 months
	MaxFX	300 mL / 1000 mL	MB1220.101 / MB1220.102	Liquid	6 months
		3 L / 10 L / 50 L	MB1220.201 / MB1220.202 / MB1220.203	Dry Powder	24 months
	MaxFB	100 mL	MB1202.102	Liquid	6 months
		1 L / 5 L / 25 L	MB1202.201 / MB1202.202 / MB1202.203	Dry Powder	24 months
	MaxFB2	100 mL	MB1234.101	Liquid	6 months
		1 L / 5 L / 25 L	MB1234.201 / MB1234.202 / MB1234.203	Dry Powder	24 months

MediumBank Product Catalog

Type	Name	Volume	Cat No.	Form	Shelf Life	Notes
CHO Transient Transfection Medium	Trans MaxC1	10L/100L/500L	MB1144.201 / MB 1144.202 / MB 1144.203	Dry Powder	24 months	
	Trans MaxC1 With MaxGLN	1000ml	MB1146.101	Liquid	12 months	
	Trans MaxC2	1000 mL	MB1171.101	Liquid	12 months	
CHO Transient Transfection Feed Medium	TransFeed A	300ml	MB7140.101	Liquid	6 months	
	TransFeed B	300 mL	MB7168.102	Liquid	6 months	
CHO Cloning Medium	CHO Cloning MaxA	500ml	MB1147.101	Liquid	12 months	
	CHO Cloning MaxB	500 mL	MB1167.101	Liquid	12 months	
CHO Perfusion Medium	Perfusion MaxE	1000ml	MB1157.101	Liquid	6 months	
		10L/100L	MB1157.201/MB1157.202	Dry Powder	6 months	
Medium Supplements	MaxHT	100ml/1000ml	MB7103.102 / MB7103.103	Liquid	24 months	
	MaxGLN	100ml/1000ml	MB7110.102 / MB7110.103	Liquid	24 months	
		100g/1000g	MB7110.202 / MB7110.203	Dry Powder	24 months	
	MaxLipids A	50ml/1000ml	MB7131.101/MB7131.102	Liquid	24 months	
	CellMaxer	100ml/1000ml	MB7106.102 / MB7106.103	Liquid	24 months	
Glycosylation Modulators	TE MaxA	100ml/1000ml	MB7101.101 / MB7101.103	Liquid	24 months	
		10L	MB7101.201	Dry Powder	24 months	
	MaxFeed3	10L	MB7129.201	Dry Powder	24 months	
	MaxGLA+	100ml/1000ml	MB7104.102 / MB7104.103	Liquid	24 months	
Quality Modulators	MaxS099-1	500ml	MB7174.101	Liquid	24 months	
	MaxS104	1.5g/15g	MB7164.201/MB7164.202	Dry Powder	12 months	
Productivity Enhancers	Titer MaxerA	100ml/1000ml	MB7107.101 / MB7107.102	Liquid	24 months	
Antifoam Agents	MaxAntifoam A	50g/500g/2.5kg	MB7111.1/MB7111.101 / MB7111.102	Liquid	12 months	
	MaxAntifoam B	50g/500g/2.5kg	MB7130.103/MB7130.101/MB7130.102	Liquid	12 months	
Anti-aggregation Agents	MaxACA	100ml/1000ml	MB7109.102 / MB7109.103	Liquid	24 months	
		10L	MB7109.201	Dry Powder	24 months	
Cloning Growth Enhancer	Cloning MaxerA	2.5mL	MB7127.101	Liquid	12 months	Non-GMP
Transfection Reagents	TransFect A	1mL	MB7138.101	Liquid	18 months	
	TransFect B	1mL	MB7171.101	Liquid	24 months	Non-GMP
Transfection Diluent	TransBuffer A5	100ml/1000ml	MB7139.101 / MB7139.102	Liquid	12 months	Non-GMP
	TransBufferA	100ml/1000ml	MB7113.101 / MB7113.102	Liquid	12 months	Non-GMP
Hybridoma Basal Medium	MAb MaxA2	1000ml	MB2123.102	Liquid	12 months	
		10L/100L/500L	MB2121.201 / MB2121.202 / MB2121.203	Dry Powder	18 months	SP2/0,NS0
HEK293 Basal Medium	HEK293 MaxX	1000ml	MB4110.102	Liquid	12 months	
		10L/100L/500L	MB4110.201 / MB4110.202 / MB4110.203	Dry Powder	24 months	HEK293
Insect Cell Culture Medium	Insect MaxE	1000ml	MB5108.101	Liquid	12 months	Sf9
		10L/100L/500L	MB5108.201 / MB5108.202 / MB5108.203	Dry Powder	24 months	High Five

■ Cell Therapy Solutions

Type	Name	Volume	Cat No.	Form	Shelf Life	Notes
Stem Cell Culture Medium	MSC MaxA Basal	475 ml	MB6102.101	Liquid	12 months	
	MSC MaxA Supplement	25 ml	MB6103.101	Liquid	12 months	
	CD MSC MaxB Basal	500 ml	MB6106.101	Liquid	12 months	
	CD MSC MaxB Supplement	5 ml	MB6107.101	Liquid	12 months	
	MSC MaxC Basal	500 ml	MB6111.101	Liquid	12 months	
	MSC MaxC Supplement	5 ml	MB6112.101	Liquid	12 months	
Immune Cell Culture Solutions	NK MaxA	1L	MB6113.101	Liquid	12 months	NKBasal Medium
	NK Expander Kit	KIT	MB6114.2	KIT	12 months	NKActivationKit
	NK Purification Cocktail Kit	KIT	MB6122.2	KIT	12 months	NK Isolation kit
Cell Cryopreservation Medium	Cell Freezing MaxA	100 ml	MB7136.101	Liquid	12 months	DMSO
	Cell Freezing MaxC	100 ml	MB7166.101	Liquid	12 months	DMSO Free

For detailed product information, please contact us.
Email: mediumbank@mediumbank.net



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Making bioprocesses simpler and more efficient!

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