

Hot-selling

The Trans 293 Kit expression system contains the basal medium CD 293 06 (Basal Medium) and the feed medium ALLY Feed 100 (Feed Medium) as the fully chemically defined medium, which does not contain serum, hydrolysate and any animal-derived components. It is suitable for high-density suspension culture of different subtypes of HEK-293 cells and can achieve high-level expression of recombinant proteins and antibodies.



Product Information

Product	Catalog No.	Medium Components	Type	Form	Package Size
Trans 293 Kit	33002	CD 293 06	Basal medium	Liquid	1000 mL
		ALLY Feed 100	Feed	Liquid	200 mL
		HEK-293 Enhancer	Expression enhancer	Liquid	10 mL
		293 PEI Pro	Transfection reagents	Liquid	10 mL

Key Features

Chemically Defined Media CD 293 06: Suitable for HEK293 cells, free of animal-derived components and hydrolysates, ensuring high-quality and high-density suspension cell culture.

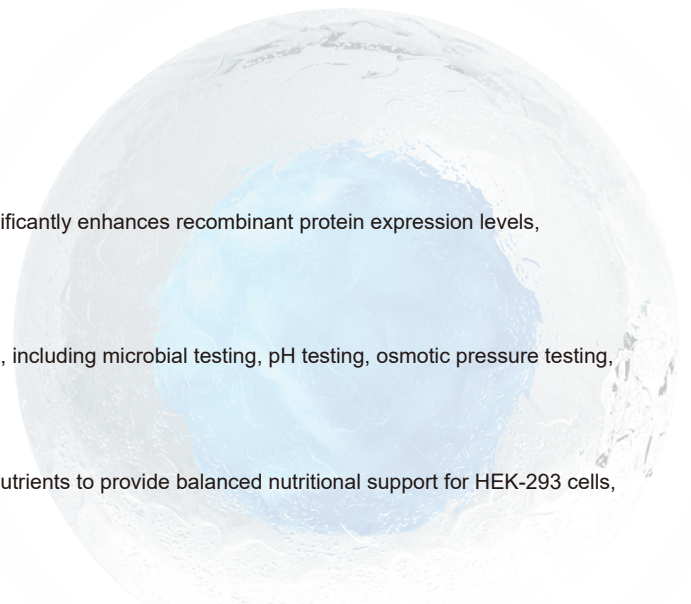
Feed ALLY Feed 100: When used in combination with the basal medium, it significantly enhances antibody yield and quality.

Expression Enhancer HEK-293 Enhancer: Stimulates rapid protein secretion by the cells over a short period.

Transfection Reagents 293 PEI Pro: An optimized transfection protocol ensures swift and effective gene integration.

Key Benefits

- Exceptional Performance:** Supports high-density suspension culture of HEK-293 cells and significantly enhances recombinant protein expression levels, suitable for basic research and biopharmaceutical production.
- Rigorous Quality Control:** Finished products must pass stringent quality inspection procedures, including microbial testing, pH testing, osmotic pressure testing, and endotoxin testing.
- Optimized Formulation:** Enriched with amino acids, vitamins, inorganic salts, and essential nutrients to provide balanced nutritional support for HEK-293 cells, promoting robust cell proliferation and efficient protein synthesis.
- High-Efficiency Transfection & Expression:** Includes the 293 PEI Pro transfection reagent, which facilitates efficient exogenous gene delivery and enhances transfection efficiency; ensures consistently high-quality viral titers.



5 • Advanced Medium System:

The ALLY Feed 100 feed medium, when combined with the basal medium, improves antibody yield and quality; the HEK-293 Enhancer further elevates protein expression levels.

6 • Broad Cell Line Compatibility:

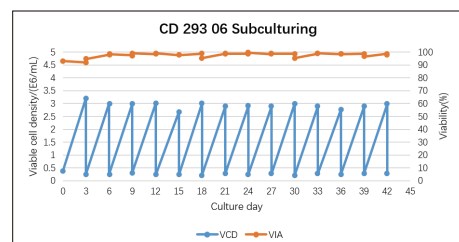
Compatible with multiple HEK-293 subtypes, including 293F, 293S, and other suspension-adapted lines, as well as engineered variants such as 293H, 293E, and 293T.

7 • Superior Raw Materials & Stability:

Powdered media are produced using continuous pin-milling technology, ensuring minimal batch-to-batch variability and exceptional product consistency and stability.

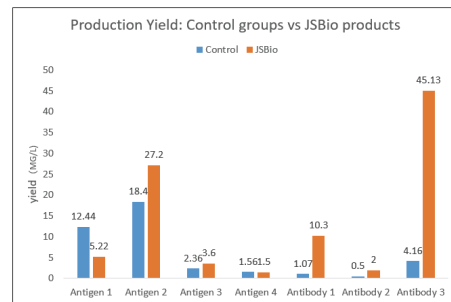
Case 1: Support for Continuous and Stable Subculturing

- Cells cultured in CD 293 06 medium over 42 days demonstrated stable viable cell density (VCD) during subculturing, with cell viability (VIA) maintained at a high level. Notably, the cell line exhibited stable subculturing characteristics and achieved a proliferation rate of approximately 10-fold within a 3-day period.



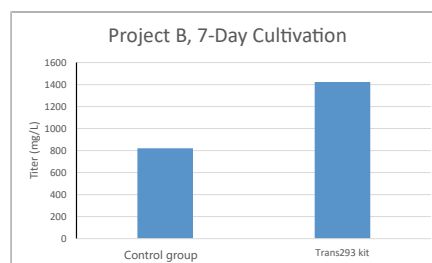
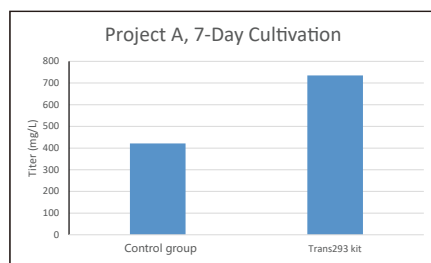
Case 2: 10-Fold Increase in Protein Production Yield

- In multiple cases involving highly challenging-to-express antigens and antibodies, Trans 293 Kit demonstrated significantly higher production yield compared to the control group, even exceeding a 10-fold increase in production yield.



Case 3: High Protein Production Yield

- In two independent projects, Trans 293 Kit significantly enhanced antibody production. Specifically: Project A: Achieved antibody titers exceeding 700 mg/L following 7 days of cultivation. Project B: Achieved 1400 mg/L. Both cases exhibited superior protein production yield compared to control groups.



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