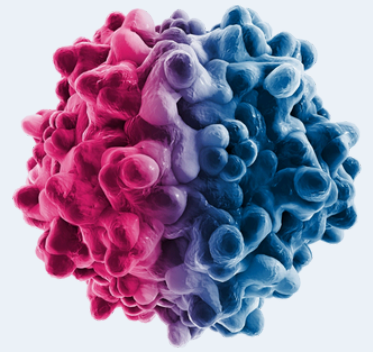




BROUGHT TO YOU BY  
**3PBIOVIAN**



From plasmid to vial, our proprietary AAVion® platform propels your path to clinical success.

Plasmid Design → Upstream Production → Downstream Purification → Fill & Finish → Analytics → QP Release

### 1) In-house Plasmids

- Off-the-shelf, freedom-to-operate plasmids suitable for clinical manufacturing
- Designed and produced in-house under stringent quality control for consistency

### 2) Optimized Cell Line

- Optimized HEK293 suspension cells for high-yield AAV production
- Delivers exceptional full-to-empty capsid ratios and robust scalability across multiple serotypes

### 3) Upstream Process

- Suspension-based process in single-use bioreactors, from 1 to 200L
- Platform-driven protocols ensure high yields and reproducibility across batches

### 4) Downstream Purification

- Multi-step purification using TFF, affinity, and IEX chromatography for high-purity vectors
- Ultracentrifugation available for programs requiring classical separation methods

### 5) Quality Control & Quality Assurance

- Over 40 in-house analytical methods for IPC, release testing, and stability studies
- Full regulatory compliance, with QP oversight and GMP documentation support

### 6) Aseptic Fill & Finish

- Aseptic vial filling under GMP with single-use technology to minimize contamination risk
- Packaging and labelling
- Final Drug Product release

## WHY PARTNER WITH US FOR AAV MANUFACTURING?

- ✓ 20+ years of viral vector manufacturing experience
- ✓ From DoE process development to clinical and commercial GMP manufacturing
- ✓ End-to-end capabilities under one roof for optimal speed and efficiency
- ✓ No royalties applied, full freedom to operate



[WWW.3PBIOVIAN.COM](http://WWW.3PBIOVIAN.COM)

## DRUG SUBSTANCE + DRUG PRODUCT

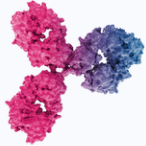
Pre-clinical

Phase I

Phase II

Phase III

Commercial



PROTEINS



CELL THERAPIES



VIRAL VECTORS



PLASMID DNA

## About us

We are a global CDMO, committed to making advanced biologics and tomorrow's life-transforming therapies. We are proud to support our customers at every stage of their journey, from early-stage development through commercialization.

Our service offerings include Microbial and Mammalian Protein Expression Platforms, Viral Vector production for Adenovirus and AAV, Cell Therapy, and Plasmid DNA Production. Additionally, we provide Aseptic Fill & Finish services.

