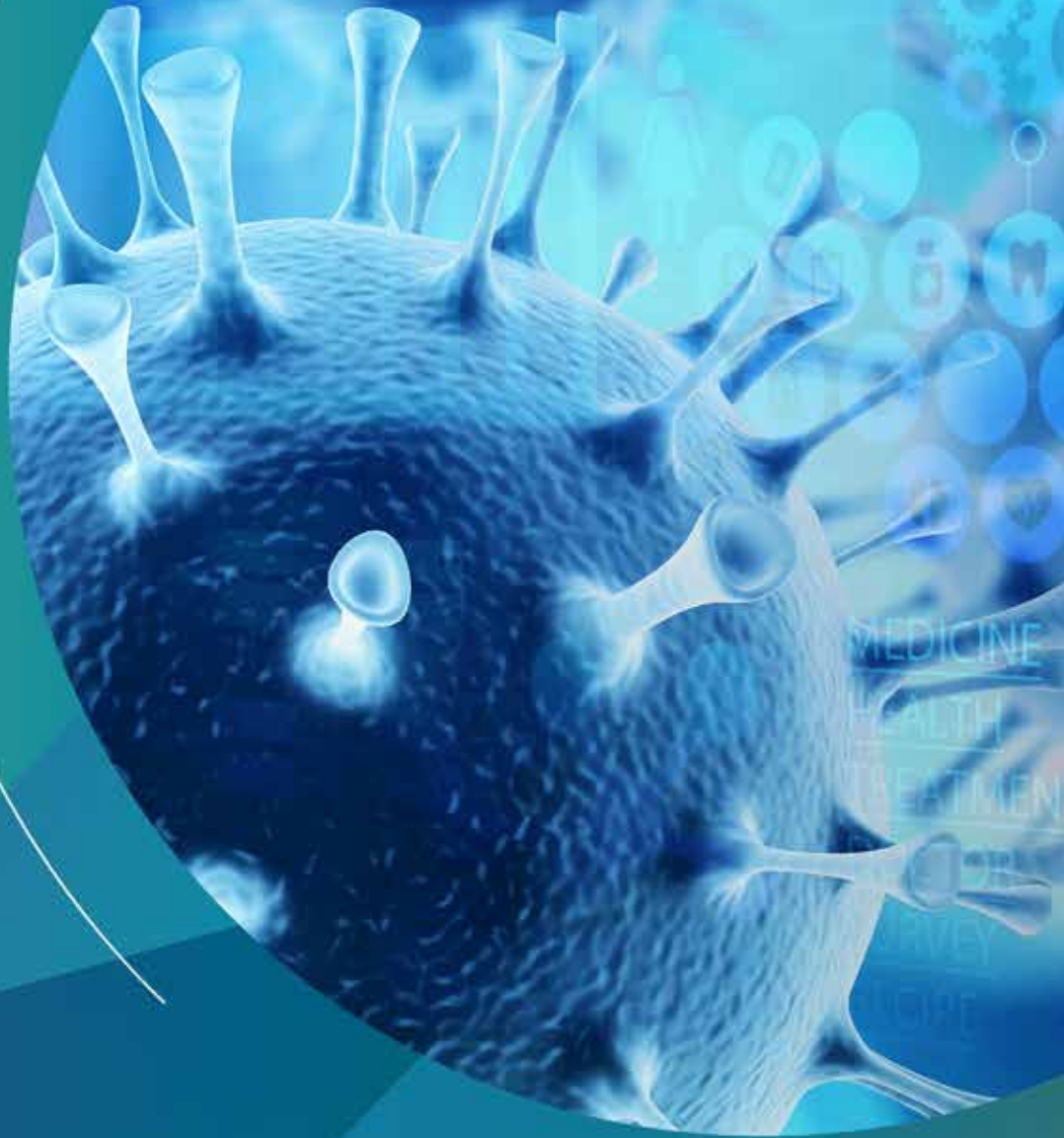




**AURIGENE**

PHARMACEUTICAL SERVICES



# Viral Vector

High-quality research grade Lentiviral and Adeno-associated Viral vectors to support cell and gene therapy

---

Customization | Proof-of-concept | Scale-up

---

 /AurigenePharma

 /aurigenepharmaceuticalservices

 /AurigenePharmaceuticalServices

 [www.aurigeneservices.com](http://www.aurigeneservices.com)

 [contactapsl@aurigeneservices.com](mailto:contactapsl@aurigeneservices.com)

 North America: +1 617 821 0595

 European Union: +32 471 808710

## Adeno-associated Viral (AAV) Vector

- **Plasmid production and characterization**  
GMP like (packaging, helper and transfer plasmids)
- **Upstream process development**  
Helper free triple transfection | HEK 293 suspension or adherent | Transfection | Shake flask, wave bioreactors and stirred-tank reactor
- **Purification**  
Lysis, clarification and concentration, Benzonase, TFF | Ultracentrifuge or Chromatography (IEX, AEX, Affinity, SEC) | Concentration and buffer exchange, TFF and sterile filtration
- **QC and release**  
General or physical properties | Identity | Safety | Purity | Strength | Potency

## Lentiviral Vector (LV)

- **Plasmid production and characterization**  
GMP like (Gag-pol, VSV-G, Rev and transfer plasmids)
- **Upstream process development**  
3rd generation system | HEK 293 suspension or adherent | Transfection | Shake flask, wave bioreactors and stirred-tank reactor
- **Purification**  
Lysis, clarification and concentration, Benzonase, TFF | Ultracentrifuge or Chromatography (IEX, AEX, Affinity, SEC) | Concentration and buffer exchange, TFF and sterile filtration
- **QC and release**  
General or physical properties | Identity | Safety | Purity | Strength | Potency

## Plasmid Scale-Up

- Pilot scale GMP manufacturing capability
- Scale flexibility