



COMPREHENSIVE MONITORING OF VECTOR MANUFACTURING WITH PROGEN'S AAV ANTIBODIES

AAV CAPSID PROTEIN ANTIBODIES

PRODUCTION

Determine presence and identity of VP1/2/3
Verify proper expression of the AAV capsid proteins.

Optimize particle yield
Adapt expression levels depending on the expression system to get high yield.

Optimize potency
Monitor the ratio of VP1/2/3 expression. It can have a major impact on the potency of the gene therapy product.

Control quality in scale-up
Scaling-up the production is a critical step and needs consistent monitoring of each step.

PURIFICATION

Monitor and optimize purification
Optimize yield and quality of the purification by analyzing presence and identity of AAV capsid proteins in each step/fraction.

Automated monitoring
PROGEN's AAV capsid protein antibodies are suitable for automated protein analysis on all Simple Western™ systems (Protein Simple).

AAV CAPSID PROTEIN ANTIBODIES

Identify, Monitor & Optimize

PRODUCTION

PURIFICATION

CHARACTERIZATION

CLINICAL SAFETY & EFFICACY

AAV PARTICLE ANTIBODIES

Purify, Characterize & Control

AAV PARTICLE ANTIBODIES

PURIFICATION

Purify assembled capsids
Use PROGEN's AAV particle antibodies for antibody-based affinity chromatography. They exclusively bind to fully assembled particles.

Monitor purification steps
Verify capsid integrity of every fraction. It is critical to ensure the potency of the product throughout the process.

CHARACTERIZATION

Characterize the gene therapy product
Analyze proper assembly and capsid integrity to enable a comprehensive characterization of the gene therapy product.

CLINICAL SAFETY & EFFICACY

Control clinical safety and efficacy
Neutralizing antibodies against AAV in patient serum may interfere with the transduction efficiency. Use PROGEN's AAV particle antibodies as positive control in your pre-screening neutralization assay.

Any questions? Need support?
Contact us at AAV@progen.com

ENSURE CONSISTENT QUALITY

Use our AAV antibodies to monitor every step of the manufacturing process, controlling identity, yield, potency, purity and integrity along the way to ensure the utmost quality of the vector preparation.

STANDARDIZE THE PROCESS

Implement process and in-process controls with our antibodies and monitor performance parameters for process consistency and standardization.