

**Synonym**

VP2

**Source**

AAV2 VP2, Recombinant Protein(VP2-A5143) is expressed from E. coli cells. It contains AA Met1 - Leu598 (Accession # [P03135-2](#)).

Predicted N-terminus: Met

**Molecular Characterization**

Poly-his VP2(Met1 - Leu598)  
P03135-2

This protein carries a polyhistidine tag at the N-terminus.

The protein has a calculated MW of 68.6 kDa. The protein migrates as 33-80 kDa when calibrated against [Star Ribbon Pre-stained Protein Marker](#) under reducing (R) condition (SDS-PAGE).

**Endotoxin**

Less than 1.0 EU per µg by the LAL method.

**Purity**

>95% as determined by SDS-PAGE.

**Formulation**

Supplied as 0.2 µm filtered solution in 20 mM Tris, 0.5 M NaCl, 0.5 M Arginine, pH8.0 with trehalose as protectant.

Contact us for customized product form or formulation.

**Shipping**

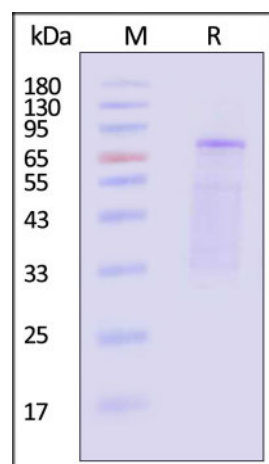
*This product is supplied and shipped with dry ice, please inquire the shipping cost.*

**Storage**

*Please avoid repeated freeze-thaw cycles.*

This product is stable after storage at:

- The product MUST be stored at -70°C or lower upon receipt;
- -70°C for 3 months under sterile conditions.

**SDS-PAGE**

AAV2 VP2, Recombinant Protein on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95% (With [Star Ribbon Pre-stained Protein Marker](#)).

**Bioactivity-ELISA**

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and more!

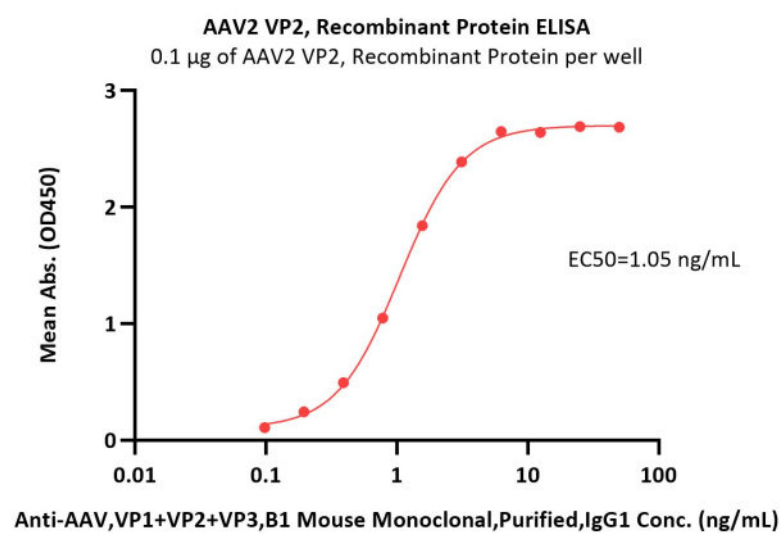


# AAV2 VP2, Recombinant Protein

Catalog # VP2-A5143



BIOSYSTEMS  
**Acro**



Immobilized AAV2 VP2, Recombinant Protein (Cat. No. VP2-A5143) at 1 µg/mL (100 µL/well) can bind Anti-AAV,VP1+VP2+VP3,B1 Mouse Monoclonal,Purified,IgG1 with a linear range of 0.1-2 ng/mL (QC tested).

## Background

Adeno-associated virus is a single-stranded DNA virus and the current scientific consensus is that it does not cause any human disease. It consists of a protein capsid (CAPside) and a 4.7 KB length single stranded DNA genome. The protein capsid consists of three subunits, VP1, VP2, and VP3.

## Clinical and Translational Updates

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