



## Synonym

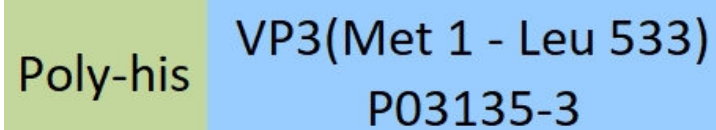
VP3

## Source

AAV2 VP3, Recombinant Protein(VP3-A5145) is expressed from E. coli cells. It contains AA Met 1 - Leu 533 (Accession # [P03135-3](#)).

Predicted N-terminus: Met

## Molecular Characterization



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

The protein has a calculated MW of 62.1 kDa. The protein migrates as 55 kDa and 58-60 kDa under reducing (R) condition (SDS-PAGE).

## Endotoxin

Less than 1.0 EU per µg by the LAL method.

## Purity

>90% 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.*

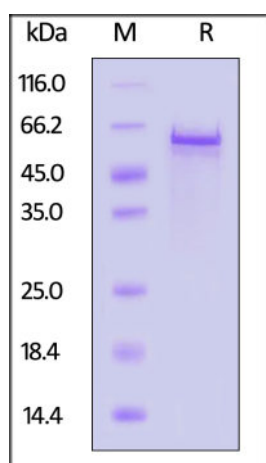
## Storage

*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

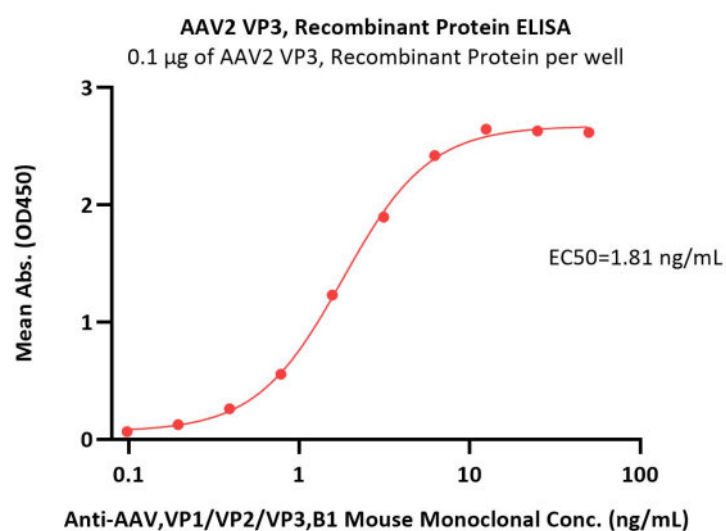


AAV2 VP3, Recombinant Protein on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%.

## Bioactivity-ELISA

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and more!





Immobilized AAV2 VP3, Recombinant Protein (Cat. No. VP3-A5145) at 1 µg/mL (100 µL/well) can bind Anti-AAV,VP1/VP2/VP3,B1 Mouse Monoclonal with a linear range of 0.1-6 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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