

Active Recombinant AAV2 VP3 Protein, His-tagged

Cat. No. VP3-1781A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AAV2 VP3, Recombinant Protein is expressed from E. coli cells. It contains AA Met 1 - Leu 533 (Accession # P03135-3). This protein carries a polyhistidine tag at the N-terminus. Predicted N-terminus: Met
Species	AAV2
Source	E. coli
ProteinLength	1-533 aa
Description	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.
Form	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.
Bio-activity	Immobilized AAV2 VP3, Recombinant Protein 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.
Molecular Mass	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).
Purity	>90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	This product is stable after storage at: The product MUST be stored at -70 centigrade or lower upon receipt; -70 centigrade for 3 months under sterile conditions. Please avoid repeated freeze-thaw cycles.
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Concentration	0.2 mg/mL
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Shipping	This product is supplied and shipped with dry ice, please inquire the shipping cost.
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GENE INFORMATION

Official Symbol	VP3
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Synonyms	VP3
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UniProt ID	P03135
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