Active Recombinant AAV2 VP2 Protein, His-tagged

Cat. No. VP2-1799A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AAV2 VP2, Recombinant Protein is expressed from E. coli cells. It contains AA Met1 - Leu598 (Accession # P03135-2). This protein carries a polyhistidine tag at the N-terminus. Predicted N-terminus: Met
Species	AAV2
Source	E. coli
ProteinLength	1-598 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 VP2, Recombinant Protein 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.
Molecular Mass	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).

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

Purity	>95% as determined by SDS-PAGE.
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.
Concentration	0.2 mg/mL
Shipping	This product is supplied and shipped with dry ice, please inquire the shipping cost.

GENE INFORMATION

Official Symbol	VP2
Synonyms	VP2
UniProt ID	P03135

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