

Recombinant AAV5 VP3 Protein, His-tagged

Cat. No. VP1-11172A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AAV5 VP3, Recombinant Protein is expressed from E. coli cells. It contains AA Ser 194 - Leu 724 (Accession # Q9YIJ1-1). This protein carries a polyhistidine tag at the N-terminus. Predicted N-terminus: Met
Species	AAV5
Source	E. coli
ProteinLength	194-724 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	Lyophilized from 0.22 µm filtered solution in PBS with trehalose as protectant.
Molecular Mass	The protein has a calculated MW of 61.4 kDa. The protein migrates as 60-65 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE).
Purity	>90% as determined by SDS-PAGE.
Storage	This product is stable after storage at: -20 to -70 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after

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reconstitution. For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

Gene Name	VP1 capsid protein [Adeno-associated virus - 5]
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Official Symbol	VP3
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Synonyms	VP1; capsid protein
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Gene ID	2957136
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Protein Refseq	YP_068409
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UniProt ID	Q9YIJ1
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