

Recombinant AAV2 VP3 Protein, N-His-tagged

Cat. No. VP3-05A Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant AAV2 VP3 Protein with a N-His tag was expressed in E. coli and purified by Ni-NTA chromatography.
Species	AAV2
Source	E.coli
ProteinLength	1-533 aa
Description	The AAV capsid consists of three capsid proteins, i.e. VP1, VP2 and VP3, which differ in their N-terminus and encapsulate the genomic ssDNA. In native virus particles, the three proteins form subunits with a ratio of 1:1:10 (VP1:VP2:VP3), in a total number of 60 subunits per capsid.
Form	Liquid
Molecular Mass	~62 kDa
Purity	> 90% (determined by SDS-PAGE)
Applications	Capillary electrophoresis (CE): Assay dependent Dot Blot: 100 ng, depending on primary antibody and detection method SDS-PAGE: 1 µg WB: 5-20 ng, depending on primary antibody and detection method

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Storage	At -80 centigrade.
Concentration	100 µg/mL (1.61 µM)
Storage Buffer	6 M urea in PBS

GENE INFORMATION

Gene Name	AAV2gp07 major coat protein VP3 [Adeno-associated virus - 2]
Official Symbol	VP3
Synonyms	AAV2gp07; major coat protein VP3; VP3
Gene ID	4192016
Protein Refseq	YP_680428
UniProt ID	P03135

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