

Recombinant AAV2 VP1 Protein, N-His-tagged

Cat. No. VP1-02A Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant AAV2 VP1 Protein with a N-His tag was expressed in E. coli and purified by Ni-NTA chromatography.
Species	AAV2
Source	E.coli
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	~90 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
Storage	At -80 centigrade.

 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

Concentration	100 µg/mL (1.19 µM)
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Storage Buffer	6 M urea in PBS
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GENE INFORMATION

Gene Name	AAV2gp05 major coat protein VP1 [Adeno-associated virus - 2]
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Official Symbol	VP1
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Synonyms	AAV2gp05; major coat protein VP1; VP1; capsid protein
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Gene ID	4192017
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Protein Refseq	YP_680426
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UniProt ID	P03135
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