

## Recombinant AAV9 VP1 Protein, N-His-tagged

Cat. No. VP1-18A Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant AAV9 VP1 Protein with a N-His tag was expressed in E. coli and purified by Ni-NTA chromatography.
<b>Species</b>	AAV9
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	~90 kDa
<b>Purity</b>	> 95% (determined by SDS-PAGE)
<b>Applications</b>	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
<b>Storage</b>	At -80 centigrade.
<b>Concentration</b>	100 µg/mL (1.19 µM)

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**Storage Buffer** 6 M urea in PBS

## GENE INFORMATION

**Official Symbol** VP1

**Synonyms** AAV2gp05; major coat protein VP1; VP1; capsid protein

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