

Recombinant Adeno-associated virus 2 (isolate Srivastava/1982) Rep78 protein, His-MBP-tagged

Cat. No. Rep78-767A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Adeno-associated virus 2 (isolate Srivastava/1982) Rep78 protein(Q89268)(1-621aa), fused with N-terminal His and MBP tag, was expressed in E.coli.
Species	AAV2
Source	E.coli
ProteinLength	1-621aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	115.7 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

MPGFYEIVIKVPSDLDGHLPGISDSFVNWVAEKELWELPPDSMDLNLIEQAPLTVAE
 KLQRDFLTEWRRVSKAPEALFFVQFEKGESYFHMHLVETTGVKSMVLGRFLSQIR
 EKLIQRIYRGIEPTLPNWFVAVTKTRNGAGGGNKKVVDECIYIPNYLLPKTQPELQWAWT
 NMEQYLSACLNLTERKRLVAQHLTHVSQTQEKNKENQNPNSDAPVIRSKTSARYME
 LVGWLVDKGITSEKQWIQEDQASYISFNAASNSRSQIKAALDNAGKIMSLTKTAPDYL
 VGQQPVEDISSNRIYKILELNGYDPQYAASVFLGWATKKFGKRNTIWLFGPATTGKT
 NIAEIAHTVPFYGCVNWTNENFPFNDKMDKVIWVEEGKMTAKVVESAKAILGGS
 KVRVDQKCKSSAQIDPTPVIVTSNTNMCAVIDGNSTTFEHQQPLQDRMFKFELTRRL
 DHDFGKVTQEVKDFFRWAKDHVVEVEHEFYVKKGGAKKRPAPSDADISEPKRVR
 ESVAQPSTSDAEASINYADRYQNKCSRHVGMNLMFLPCRQCERMNQNSNICFTHG
 QKDCLECFPVSESQPVSVVKKAYQKLCYIHHIMGKVPDACTACDLVNVDLDDCIFEQ

SDS-PAGE

