

Recombinant AAV-8 VP1 Protein, His-tagged

Cat. No. VP1-134A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant AAV-8 VP1 Protein, fused to His-tag, was expressed in E. coli.
Species	AAV8
Source	E.coli
Description	major coat protein VP1
Form	Lyophilized from 0.22 um filtered solution in 50mM Tris, 300mM NaCl pH8.0.
Molecular Mass	83.2 kDa
AA Sequence	MNHKVVHHHHHMAADGYLPDWLEDNLSEGIREWWALKPGAPKPKANQQKQDDG RGLVLPGYKYLGPFNGLDKGEPVNAADAAALEHDKAYDQQLQAGDNPYLRYNHAD AEFQERLQEDTSFGGNLGRAVFQAKKRVLEPLGLVEEGAKTAPGKKRPVEPSPQRS PDSSTGIGKKGQQPARKRLNFGQTGDSESVDPDPQLGEPPEAPSGVGPNTMAAGG GAPMADNNEGADGVGSSSGNWHCDSTWLGDRVTTSTRTWALPTYNNHLYKQISN GTSGGATNDNTYFGYSTPWGYFDFNRFHCHFSPRDWQRLINNNWGFRPKRLSFKL FNIQVKEVTQNEGKTIANNLTSTIQVFTDSEYQLPYVLGSAHQGCLPPFPADVFMIP QYGYLTLNNGSQAVGRSSFYCLEYFPSQMLRTGNNFQFTYTFEDVPFHSSYAHSQ SLDRLMNPLIDQYLYLSRTQTTGGTANTQTLGFSQGGPNTMANQAKNWLPGPCY RQQRVSTTTGQNNNSNFAWTAGTKYHLNGRNSLANPGIAMATHKDDEERFFPSNG ILIFGKQNAARDNADYSDVMLTSEEEIKTTNPVATEEYGIVADNLQQQNTAPQIGTVN SQGALPGMVWQNRDVYLQGPIWAKIPHTDGNFHPSPLMGGFGLKHPPPQILIKNTP VPADPPTTFNQSKLNSFITQYSTGQVSVEIEWELQKENSKRWNPEIQYTSNYYKSTS

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VDFAVNTEGVYSEPRPIGTRYLTRNL

Endotoxin <1EU/ug by LAL.

Purity >90%

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.1 mg/mL

GENE INFORMATION

Gene Name AAV2gp05 major coat protein VP1 [Adeno-associated virus - 2]

Official Symbol VP1

Gene ID 4192017

Protein Refseq YP_680426

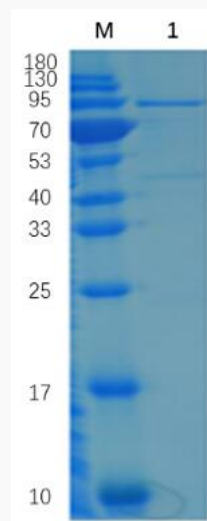
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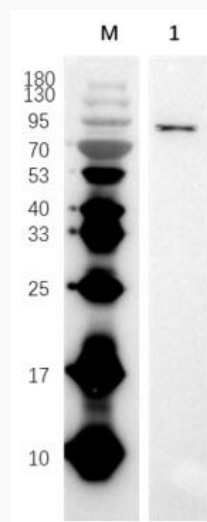
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SDS-PAGE



Reducing 12% SDS-PAGE analysis profile of purified VP1-1805A (CBB stained).

WB



Western blot analysis profile of purified VP1-1805A (primary antibody: Mouse anti-his monoclonal antibody).

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