

Intermediate capsid protein VP6 Recombinant Protein | VP6 recombinant protein

Recombinant Rotavirus A Intermediate capsid protein VP6

CATALOG # AAA18568	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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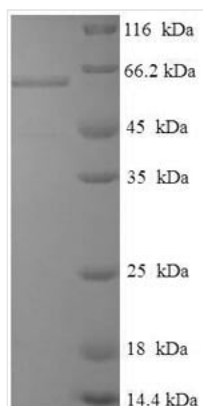
PRODUCT SYNONYMS

Intermediate capsid protein VP6; Recombinant Rotavirus A Intermediate capsid protein VP6; VP6 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-397aa; Full Length Protein
Sequence	MEVLYSLSKT LKDARDKIVE GTLYSNVSDL IQQFNQMIVT MNGNDFQTGG IGNLPIRNWT FDFGLLGTTL LNL DANYVET ARTTIEYFID FIDNVCMDM ARESQRNGVA PQSEALRKLA GIKFKRINFN NSSEYIENWN LQNRRTQTGF VFHKPNIFPY SASFTLNRSQ PMHDNLMGTM WLNAGSEIQV AGFDYSCALN APANIQQFEH IVQLRRALTT ATITLLPDAE RFSFPRVINS ADGATTWFFN PIILRPNNVE VEFLNGQII NTYQARFGTI IARNFDTIRL SFQLMRPPNM TPAVNALFPQ AQPQHHATV GLTLRIESAV CESVLADANE TLLANVTAVR QEYAIPVGPV FPPGMNWTEL ITNYSPSRED NLQRVFTVAS IRSMLIK
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for VP6 recombinant protein	Intermediate capsid protein that self assembles to form an icosahedral capsid with a T=13 symmetry, which consists of 230 trimers of VP6, with channels at each of its five-fold vertices. This capsid constitutes the middle concentric layer of the viral mature particle. The innermost VP2 capsid and the intermediate VP6 capsid remain intact following cell entry to protect the dsRNA from degradation and to prevent unfavorable antiviral responses in the host cell during all the replication cycle of the virus. Nascent transcripts are transcribed within the structural confines of this double-layered particle (DLP) and are extruded through the channels at the five-fold axes. VP6 is required for the transcription activity of the DLP.
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References	Full genome-based classification of rotaviruses reveals a common origin between human Wa-Like and porcine rotavirus strains and human DS-1-like and bovine rotavirus strains.Matthijssens J., Ciarlet M., Heiman E.M., Arijs I., Delbeke T., McDonald S.M., Palombo E.A., Iturriza-Gomara M., Maes P., Patton J.T., Rahman M., Van Ranst M.J. Virol. 82:3204-3219(2008) Molecular characterization of human rotavirus strains G1 with P isolated in South Korea.Le V.P., Kim W.Y.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226698056
UniProt Accession #	B1NKU0
Molecular Weight	46.9 kDa
NCBI Official Full Name	Intermediate capsid protein VP6
UniProt Protein Name	Intermediate capsid protein VP6
UniProt Entry Name	VP6_ROTHT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://www.aaabiotech.com/intermediate-capsid-protein-vp6-recombinant-protein-e-coli/18568>