

Outer capsid glycoprotein VP7 Recombinant Protein

Recombinant Rotavirus A Outer capsid glycoprotein VP7

CATALOG # AAA115272	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

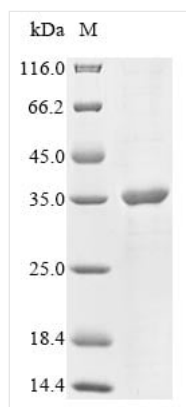
PRODUCT SYNONYMS

Outer capsid glycoprotein VP7; Recombinant Rotavirus A Outer capsid glycoprotein VP7; Outer capsid glycoprotein VP7 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	34-309aa; Full-Length of the Mature Protein
Sequence	QNYGVNLPIT GSMDTAYANS TQSEPFLTST LCLYYPVEAS NEIADTEWKD TLSQLFLTKG WPTGSVYLKE YADIAAFSVE PQLYCDYNLV LMKYDSTQEL DMSSELADLIL NEWLCNPMDI TLYYYQQTDE ANKWISMGSS CTVKVCPLNT QTLGIGCLIT NPDTFETVAT TEKLVITDVV DGVSHKLNVT TATCTIRNCK KLGPKENVAV IQVGGANILD ITADPTTTPQ TERMMAIWK KWWQVVPV DYVNQIIQTM SKRSRSLNSS AFYYRV
Species	Rotavirus A (strain Cow/Canada/C486/1977 G6-P6[1]-Ix-Rx-Cx-Mx-Ax-Nx-Tx-Ex-Hx) (RV-A)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Outer capsid glycoprotein VP7 recombinant protein	Outer capsid protein involved in attachment and possibly entry into the host epithelial cell. It is subsequently lost, together with VP4, following virus entry into the host cell. The outer layer contains 780 copies of VP7, grouped as 260 trimers. Rotavirus attachment and entry into the host cell probably involves multiple sequential contacts between the outer capsid proteins VP4 and VP7, and the cell receptors. In integrin-dependent strains, VP7 seems to essentially target the integrin heterodimers ITGAX/ITGB2 and ITGA5/ITGB3 at a postbinding stage, once the initial attachment by VP4 has been achieved
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	226698170
UniProt Accession #	A8D8S8
Molecular Weight	33 kDa
NCBI Official Full Name	Outer capsid glycoprotein VP7
UniProt Protein Name	Outer capsid glycoprotein VP7
UniProt Entry Name	VP7_ROTBC

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/outer-capsid-glycoprotein-vp7-recombinant-protein-e-coli/115272>