

Matrix protein VP40 (VP40) Recombinant Protein | VP40 recombinant protein

Recombinant Reston ebolavirus Matrix protein VP40 (VP40)

CATALOG # AAA117026	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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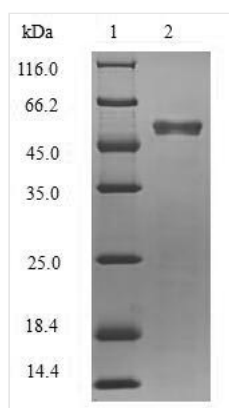
PRODUCT SYNONYMS

Matrix protein VP40 (VP40); Recombinant Reston ebolavirus Matrix protein VP40 (VP40); Matrix protein VP40; Membrane-associated protein VP40; VP40 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	1-331aa; Full Length
Sequence	MRRGVLPTAP PAYNDIAYPM SILPTRPSVI VNETKSDVLA VPGADVPSNS MRPVADDNID HSSHTPSGVA SAFILEATVN VISGTKVLMK QIPWLPLGV ADQKIYSFDS TTAAIMLASV TVTHFGKISN PLVRVNRGLP GIPDHPLRLL RLGNAFLQE FVLPPVQLPQ YTFDLTALK LITQPLPAAT WTDETPAGAV NALRPGLSLH PKLRPILLPG KTGKKGHASD LTSPDKIQT I MNAIPDLKIV PIDPTKNIVG IEVPELLVQR LTGKKPQPKN GQPIIPVLLP KYVGLDPISP GDLTMVITQD CDSCHSPASH PYHMDKQNSY Q
Sequence Length	331
Species	Reston ebolavirus (strain Reston-89) (REBOV) (Reston Ebola virus)
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 VP40 recombinant protein	Promotes virus assembly and budding by interacting with host proteins of the multivesicular body pathway. May facilitate virus budding by interacting with the nucleocapsid and the plasma membrane. Specific interactions with membrane-associated GP and VP24 during the budding process may also occur. The hexamer form seems to be involved in budding. The octamer form binds RNA, and may play a role in genome replication (By similarity)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22789225
NCBI GeneID	955192
NCBI Accession #	NP_690582.1
NCBI GenBank Nucleotide #	NC_004161.1
UniProt Accession #	Q8JPX9; Q5UAK9
Molecular Weight	51.8 kDa
NCBI Official Full Name	matrix protein
NCBI Official Symbol	VP40
NCBI Protein Information	matrix protein
UniProt Protein Name	Matrix protein VP40
UniProt Gene Name	VP40
UniProt Entry Name	VP40_EBORR

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/vp40-recombinant-protein-e-coli/117026>