

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

Recombinant Zaire ebolavirus Matrix protein VP40 (VP40)

CATALOG # AAA117121	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

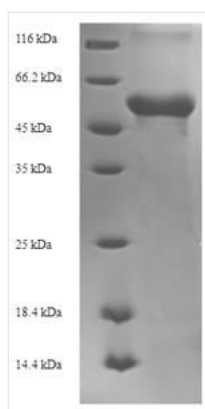
PRODUCT SYNONYMS

Matrix protein VP40 (VP40); Recombinant Zaire ebolavirus Matrix protein VP40 (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	1-326aa; Full Length
Sequence	MRRVILPTAP PEYMEAIYPV RSNSTIARGG NSNTGFLTPE SVNGDTPSNP LRPIADDTID HASHTPGSVS SAFILEAMVN VISGPKVLMK QIPWLPLGV ADQKTSFDS TTAIMLASV TITHFGKATN PLVRVNRLGP GIPDHPLRLL RIGNQAFLQE FVLPPVQLPQ YFTFDLTALK LITQPLPAAT WTDDTPTGSN GALRPGISFH PKLRPILLPN KSGKKGNSAD LTSPEKIQAI MTSLQDFKIV PIDPTKNIMG IEVPETLVHK LTGKKVTSKN GQPIIPVLLP KYIGLDPVAP GDLTMVITQD CDTCHSPASL PAVIEK
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 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 is involved in budding. The octamer form binds RNA, and may play a role in genome replication.
References	Chain P.S.G., Ichou M.A., Malfatti S.A., Hajjaj A., Vergez L.M., Paragas J., Do L.H., Jahrling P.B., Smith K.L., McCready P.M., Ibrahim M.S. Crystal structure of the matrix protein VP40 from Ebola virus. Dessen A., Volchkov V., Dolnik O., Klenk H.-D., Weissenhorn W. EMBO J. 19:4228-4236(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	10313993
NCBI GeneID	911825
NCBI Accession #	NP_066245.1
NCBI GenBank Nucleotide #	NC_002549.1
UniProt Accession #	Q77DJ6; AAD14583
Molecular Weight	39.1 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_EBOZ5

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/117121>