

Pre-small/secreted glycoprotein Recombinant Protein | GP recombinant protein

Recombinant Zaire ebolavirus (strain Eckron-76) (ZEBOV) (Zaire Ebola virus) Pre-small/secreted glycoprotein

CATALOG # AAA115994	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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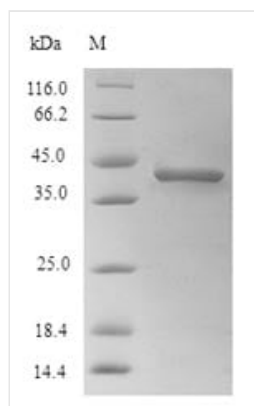
PRODUCT SYNONYMS

Pre-small/secreted glycoprotein; Recombinant Zaire ebolavirus (strain Eckron-76) (ZEBOV) (Zaire Ebola virus) Pre-small/secreted glycoprotein; Cleaved into the following 2 chains: 1. Small/secreted glycoprotein; 2. sGP; 3. Delta-peptide; GP 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	33-364. Full length of the mature protein.
Sequence	IPLGVIHNST LQVNDVDKLV CRDKLSSTNQ LRSVGLNLEG NGVATDVPSA TKRWGFRSGV PPKVVNYEAG EWAENCYNLE IKKPDGSECL PAAPDGIRGF PRCRYVHKVS GTGPCAGDFA FHKEGAFFLY DRLASTVIYR GTTFAEGVVA FLILPQAKKD FFSSHPLREP VNATEDPSSG YYSTTIRYQA TGFGTNETEY LFEVDNLTYV QLESRFTPQF LLQLNETIYT SGKRSNTTGK LIWKVNPEID TTIGEWAFWE TKKTSLEKFA VKSCLSQLYQ TEPKTSVVRV RRELLPTQGP TQQLKTTKSW LQKIPLQWFK CTVKEGKLQC RI
Sequence Length	364
Species	Zaire ebolavirus (strain Eckron-76) (ZEBOV) (Zaire Ebola virus)
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 GP recombinant protein

sGP seems to possess an anti-inflammatory activity as it can reverse the barrier-decreasing effects of TNF alpha. Might therefore contribute to the lack of inflammatory reaction seen during infection in spite the of extensive necrosis and massive virus production. Does not seem to be involved in activation of primary macrophages. Does not seem to interact specifically with neutrophils Delta-peptide does not seem to be involved in activation of primary macrophages.

References	"Emergence of subtype Zaire Ebola virus in Gabon." Volchkov V., Volchkova V., Eckel C., Klenk H.-D., Bouloy M., Leguenno B., Feldmann H. Virology 232:139-144(1997)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8928464
UniProt Accession #	P87670
Molecular Weight	39.3 kDa
NCBI Official Full Name	Pre-small/secreted glycoprotein
UniProt Protein Name	Pre-small/secreted glycoprotein
UniProt Gene Name	GP
UniProt Synonym Gene Names	pre-sGP; sGP
UniProt Entry Name	VS GP_EBOEC

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/gp-recombinant-protein-e-coli/115994>