

GP Protein Recombinant Protein

GP Protein (aa 33-632) of Zaire Ebolavirus (isolate H.sapiens-wt/GIN/2014/Gueckedou-C07)

CATALOG #
AAA62211

APPLICATIONS
ELISA, Western Blot

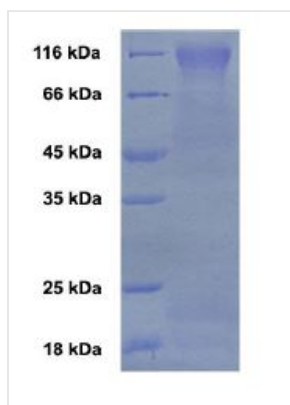
PRODUCT SYNONYMS

GP Protein; GP Protein (aa 33-632) of Zaire Ebolavirus (isolate H.sapiens-wt/GIN/2014/Gueckedou-C07); GP Protein of Zaire Ebolavirus; GP Protein of Zaire Ebolavirus (isolate H.sapiens-wt/GIN/2014/Gueckedou-C07); Glycoprotein (GP) of Zaire Ebolavirus; GP Protein recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	>= 95% (by SDS-PAGE)
Concentration	1 ug/ ul in PBS (varies by lot)
Sequence	IPLGVIHNST LQVSDVDKLV CRDKLSSTNQ LRSVGLNLEG NGVATDVPSA TKRWGFRSGV PPKVVNYEAG EWAENCYNLE IKKPDGSECL PAAPDGIRGF PRCRYVHKVS GTGPCAGDFA FHKEGAFFLY DRLASTVIYR GTTFAEGVVA FLILPQAKKD FFSSHPLREP VNATEDPSSG YYSTTIRYQA TGFGTNETEY LFEVDNLTYV QLESRTFPQF LLQLNETIYA SGKRSNTTGK LIWKVNPEID TTIGEWAFWE TTKNLTRKIR SEELSFTAVS NGPKNISGQS PARTSSDPET NTTNEDHKIM ASENSSAMVQ VHSQGRKAAV SHLTTLATIS TSPQSLTTKP GPDNSTHNT VYKLDISEAT QVGQHRRAD NDSTASDTPP ATTAAGPLKA ENTNTSKSAD SLDLATTSP QNYSETAGNN NTHHQDTGEE SASSGKLGLI TNTIAGVAGL ITGGRRTRE VIVNAQPKCN PNLHYWTTQD EGAAIGLAWI PYFGPAAEGI YTEGLMHNQD GLICGLRQLA NETTQALQLF LRATTELRTF SILNRKAIDF LLQRWGGTCH ILGPDCCIEP HDWTKNITDK IDQIIHDFVD
Applicable Applications for GP Protein recombinant protein	ELISA, WB (Western Blot)
Description	Viral protein purified from 293 cell culture
Viral Protein	6x His tagged Glycoprotein (GP) (amino acid 33-632) of Zaire Ebolavirus (isolate H.sapiens wt/GIN/2014/Gueckedou-C07) (Genebank No. KJ660347)
Preparation and Storage	Store at -20 degree C. Stable for 1-month from the date of shipment when kept at 4 degree C. Non-hazardous. No MSDS required.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for GP Protein recombinant protein	Description: 6x His tagged Glycoprotein (GP) (amino acid 33-632) of Zaire Ebolavirus (isolate H.sapiens wt/GIN/2014/Gueckedou-C07) expressed in 293 cells (Genebank No. KJ660347) Viral protein purified from 293 cell culture Introduction: The Ebola virus (EBOV) is a mononegavirus which contains a 19 kb single-stand RNA encoding seven proteins. Rates of genetic change of ebolavirus are 100 times slower than influenza A in humans, but on the same magnitude as those of hepatitis B. The main Ebolavirus glycoprotein (GP) is the only viral protein found on the surface of the Ebola virion and is therefore responsible for mediating attachment and entry of the virus into host cells. The produced GP protein (~120 kDa) is derived from the sequence of a recent Zaire Ebolavirus (ZEBOV) isolate from 2014 outbreak in western Africa.
Product Categories/Family for GP Protein recombinant protein	Viral Recombinant Proteins; Ebolavirus
References	Baize, S, et al. Emergence of Zaire Ebola virus disease in Guinea. N. Engl. J. Med., 371: 1418-1425, 2014.

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://stage.aaabiotech.com/gp-protein-recombinant-protein-elisa-wb-western-blot/62211>