

Glycoprotein of Sudan Ebola Virus (Nakissamata) Protein

Glycoprotein of Sudan Ebola Virus (Nakissamata) (aa 33-632)

CATALOG # AAA62069	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

Glycoprotein of Sudan Ebola Virus (Nakissamata); Glycoprotein of Sudan Ebola Virus (Nakissamata) (aa 33-632); Glycoprotein of Sudan Ebola Virus (Nakissamata) protein

PRODUCT SPECIFICATIONS

Purity/Purification	>= 95% (by SDS PAGE)
Concentration	1 ug/ul in PBS(20% glycerol, 0.1% sodium azide) (varies by lot)
Sequence	MPLGVVTNST LEVTEIDQLV CKDHLASTDQ LKSVGLNLEG SGVSTDIPSA TKRWGFRSGV PPKVVSYEAG EWAENCYNLE IKKPDGSECL PPPPDGVRGF PRCRYVHKAQ GTGPCPGDYA FHKDGAFFLY DRLASTVIYR GVNFAEGVIA FLILAKPKET FLQSPPIREA VNYTENTSSY YATSYLEYEI ENFGAQHSTT LFKIDNNTFV RLDRPHTPQF LFQLNDTIHL HQQLSNTTGR LIWTLNANIN ADIGEWAFWE NKKNLSEQLR GEELSFEALS LNETEDDDAA SSRITKGRIS DRATRKYSDL VPKNSPGMVP LHIPEGETTL PSQNSTEGRR VGVNTQETIT ETAATIIGTN GNHMQISTIG MRPSSSQIPS SSPTTAPSPE AQTPTTHTSG PSVMATEEPT TPPGSSPGPT TEAPTLTTPPE NITTAVKTVL PQESTSNGLI TSTVTGILGS LGLRKRSTRQ TNTKATGKCN PNLHYWTAQE QHNAAGIAWI PYFGPGAEGI YTEGLMHNQN ALVCGLRQLA NETTQALQLF LRATTELRTY TILNRKAIDF LLRRWGGTCR ILGPDCCIEP HDWTKNITDK INQIIHDFID HHHHHH
Applicable Applications for Glycoprotein of Sudan Ebola Virus (Nakissamata) protein	ELISA, WB (Western Blot)
Viral Protein	6xHis tagged glycoprotein (GP) (amino acid 33-632) of Sudan Ebolavirus (Nakissamata) Genebank No. AFP28231)
Preparation and Storage	Store at -20°C; Stable for 1-months from the date of shipment when kept at 4°C. Non-hazardous, no MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE: purified GP protein (aa 33-632) of Sudan Ebolavirus from 293 cells

ADDITIONAL INFORMATION

Related Product Information for Glycoprotein of Sudan Ebola Virus (Nakissamata) protein	Viral protein purified from 293 cell culture 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 Sudan Ebolavirus from Uganda in 2011.
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Product Categories/Family for Glycoprotein of Sudan Ebola Virus (Nakissamata) protein	Viral Recombinant Proteins; Ebolavirus
References	1. Shoemaker, T, et al. Reemerging Sudan ebola virus disease in Uganda, 2011. Emerging Infect. Dis., 18: 1480-1483, 2012.

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/protein/glycoprotein-of-sudan-ebola-virus-nakissamata/62069>