Glycoprotein G/gG Protein, Nipah virus (Cell-Free, His, Myc)

Cat. No.:	HY-P702296
Synonyms:	Glycoprotein G
Species:	Virus
Source:	E. coli Cell-free
Accession:	Q9IH62 (M1-T602)
Gene ID:	920955
Molecular Weight:	72 kDa

PROPERTIES

AA Sequence	MPAENKKVRF ENTTSDKGKI PSKVIKSYYG TMDIKKINEG LLDSKILSAF NTVIALLGSI VIIVMNIMII QNYTRSTDNQ AVIKDALQGI QQQIKGLADK IGTEIGPKVS LIDTSSTITI PANIGLLGSK ISQSTASINE NVNEKCKFTL PPLKIHECNI SCPNPLPFRE YRPQTEGVSN LVGLPNNICL QKTSNQILKP KLISYTLPVV GQSGTCITDP LLAMDEGYFA YSHLERIGSC SRGVSKQRII GVGEVLDRGD EVPSLFMTNV WTPPNPNTVY HCSAVYNNEF YYVLCAVSTV GDPILNSTYW SGSLMMTRLA VKPKSNGGGY NQHQLALRSI EKGRYDKVMP YGPSGIKQGD TLYFPAVGFL VRTEFKYNDS NCPITKCQYS KPENCRLSMG IRPNSHYILR SGLLKYNLSD GENPKVVFIE ISDQRLSIGS PSKIYDSLGQ PVFYQASFSW DTMIKFGDVL TVNPLVVNWR NNTVISRPGQ SQCPRFNTCP EICWEGVYND AFLIDRINWI SAGVFLDSNQ TAENPVFTVF KDNEILYRAQ LASEDTNAQK TITNCFLLKN KIWCISLVEI YDTGDNVIRP KLFAVKIPEQ CT
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O. For long term storage it is recommended to add 5-50% of glycerol (final concentration). Our default final concentration of glycerol is 50%. Customers could use it as reference.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Glycoprotein G (gG) protein facilitates virion attachment to the target cell by interacting with host ephrinB2 (EFNB2) or ephrin B3 (EFNB3). This interaction leads to virion internalization, primarily through clathrin-mediated endocytosis. The protein is involved in binding with both host EFNB2 and EFNB3 to facilitate the attachment process.

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