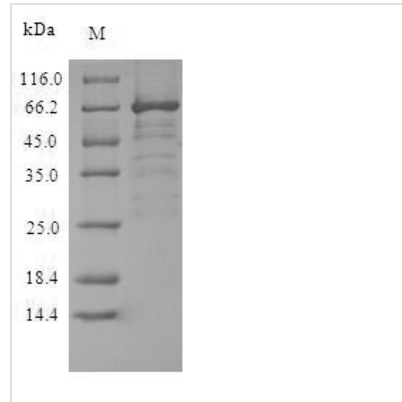




Recombinant Nipah virus Glycoprotein G (G)

Product Code	CSB-CF862323NDT
Relevance	Interacts with host ephrinB2/EFNB2 or ephrin B3/EFNB3 to provide virion attachment to target cell. This attachment induces virion internalization predominantly through clathrin-mediated endocytosis.
Abbreviation	Recombinant Nipah virus G protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9IH62
Product Type	Transmembrane Protein
Immunogen Species	Nipah virus
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MPAENKKVRFENTTSDK GKIPSKVIKSYYGTM DIKKINEGLLD SKILSAFNTVIAL LGSIVIIVMNIMIIQNYTRSTDNQAVIKDALQGIQQQIKGLADKIGTEIGPKVSLIDT SSTITIPANIGLLGSKISQSTASINENVNEKCKFTLPPLKIHECNISCPNPLPFREY RPQTEGVSNLVGLPNNICLQKTSNQILKPKLISYTLPVVGQSGTCITDPLLAMDE GYFAYSHLERIGSCSRGVSKQRIIGVGEVLD RGDDEVPSLFMTNVWTPPNPNTV YHCSAVYNN EFYYVLC AVSTVGDPI LNSTYWSGSLMMTRLAVKPKSNGGGYN QHQLALRSIEKGRYDKVMPYGPSGIKQGD TLYFPAVGFLVRTEFKYND SNCP I TKCQYSKPENCRLSMGIRPN SHYILRSGLLKYNLSDGENPKVVFIEISDQRLSIG SPSKIYDSL GQPVFYQASFSWDTMIKFGD VLTVNPLVWNWRNNTVISRPGQS Q CPRFNTCPEICWEGVYND AFLIDRINWISAGVFLDSNQTAENPVFTVFKDNEIL YRAQLASEDTNAQKTITNCFL LKNKIWCISLVEIYDTGDNVIRPKLFAVKIPEQCT
Research Area	others
Source	in vitro E.coli expression system
Target Names	G
Expression Region	1-602aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	72.0kDa
Protein Length	Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.