Recombinant Nipah virus Glycoprotein G Protein, Fc tagged

Cat. No. gG-20N **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Nipah virus glycoprotein G, comprising amino acids 71-602 and incorporating a human IgG1 Fc tag, expressed in mammalian HEK293 cells.
Species	Nipah virus, Malaysia strain
Source	HEK293
ProteinLength	71-602 aa
Description	Nipah virus (NiV) is an enveloped single stranded negative sense RNA virus that belongs to the Henipavirus genus, which is a new member of the Paramyxoviridae family. Nipah infection was first recognised in Malaysia 1998/1999, where a major NiV outbreak occurred in pigs and humans. A subsequent outbreak of NiV in Singapore also pointed to pigs as an intermediate host. However, outbreaks in India and Bangladesh did not. The natural host for NiV has now been identified as the fruit bat, of the Pteropus genus, with swine acting as intermediate host in some cases. Reports suggest that transmission of Nipah virus to humans can occur through contact with NiV infected bats, food contaminated by bat's excrement, infected pigs and other NiV infected humans.
Form	Liquid, sterile filtered, Phosphate buffered saline pH 7.4
Molecular Mass	This protein migrates at approximately 110 kDa in reducing SDS-PAGE analysis.
Purity	> 90%

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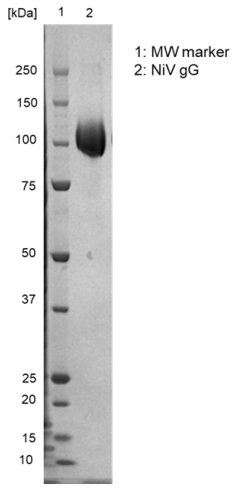
Applications	Suitable for immunoassay development.
Storage	Short Term Storage: +4 centigrade Long Term Storage: -80 centigrade General Storage Conditions: Multiple freeze/thaw cycles are to be avoided. Stability: Not determined Freezing: Can be frozen

GENE INFORMATION

Gene Name	G attachment glycoprotein [Henipavirus nipahense]
Official Symbol	G
Synonyms	G; attachment glycoprotein; Glycoprotein G
Gene ID	920955
Protein Refseq	NP_112027
UniProt ID	Q4KTA8

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SDS-PAGE



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