

Nipah virus Glycoprotein G Recombinant Protein

Nipah virus Glycoprotein G Protein (ECD, His Tag)

CATALOG #
AAA259244

HOST
HEK293 Cells

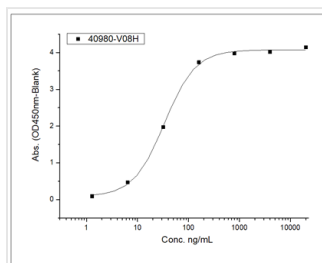
PRODUCT SYNONYMS

Nipah virus Glycoprotein G; Nipah virus Glycoprotein G Protein (ECD; His Tag); Nipah virus Glycoprotein G recombinant protein

PRODUCT SPECIFICATIONS

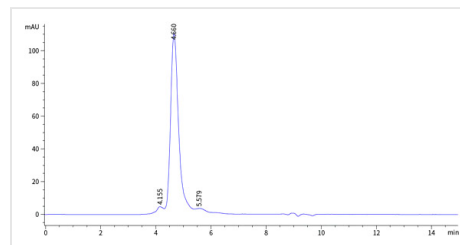
Host	HEK293 Cells
Purity/Purification	>= 95% as determined by SDS-PAGE. = 90% as determined by SEC-HPLC.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Species	NiV
Predicted N Terminal	Gln
Endotoxin	<1.0 EU per ug protein as determined by the LAL method.
Protein Construction	A DNA sequence encoding the NIV Glycoprotein G (AAY43916.1)(Gln71-Thr602) was expressed, with a polyhistidine tag at the C-terminus.
Activity	Immobilized Recombinant Human Ephrin-B2/EFNB2 Protein at 2 ug/mL (100 uL/well) can bind Recombinant Nipah virus Glycoprotein G Protein (ECD, His Tag) , the EC50 is 16-48 ng/mL.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

IMAGES

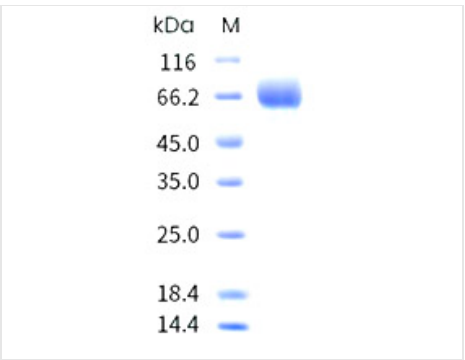


Application Data

Immobilized Recombinant Human Ephrin-B2 / EFNB2 Protein (Cat: 10881-HCCH) at 2 ug/mL (100 uL/well) can bind Recombinant Nipah virus Glycoprotein G Protein (ECD, His Tag) (#AAA259244), the EC50 is 16-48 ng/mL.



Application Data



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NCBI AND UNIPROT INFORMATION

Molecular Weight	The recombinant NIV Glycoprotein G consists of 543 amino acids and predicts a molecular mass of 60.97 kDa. It migrates as an approximately 65.1 kDa band in SDS-PAGE under reducing conditions.
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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/nipah-virus-glycoprotein-g-recombinant-protein-hek293-cells/259244>