Recombinant NiV(strain Bangladesh 2005) G protein, His-tagged

Cat. No. G-5743N **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant NiV(strain Bangladesh 2005) G protein(AAY43916.1) (Gln71-Thr602) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	NiV
Source	HEK293
ProteinLength	71-602 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Immobilized Recombinant Human Ephrin-B2 / EFNB2 Protein at 2 μg/mL (100 μL/well) can bind Recombinant Nipah virus Glycoprotein G Protein (ECD, His Tag), the EC50 is 16-48 ng/mL.
Molecular Mass	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.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	≥ 95 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA