Recombinant EBOV (subtype Sudan, strain Gulu) GP Protein, His-tagged

Cat. No. GP-613V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Sudan ebola virus (strain Uganda-00) GP (Q7T9D9) (Met1-Asp320) was expressed with a C-terminal polyhistidine tag.
Species	EBOV
Source	HEK293
Predicted N Terminal	Met 33
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant Sudan ebola virus (strain Uganda-00) GP comprises 299 amino acids and has a predicted molecular mass of 33.8 kDa. The apparent molecular mass of the protein is approximately 46-64 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	GP virion spike glycoprotein precursor [Zaire ebolavirus]
Official Symbol	GP
Synonyms	spike glycoprotein; small secreted glycoprotein; second secreted glycoprotein
Gene ID	911829
mRNA Refseq	
Protein Refseq	NP_066246
MIM	
UniProt ID	Q05320

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