Recombinant EBOV (subtype Zaire, strain H.sapiens-wt/GIN/2014/Kissidougou-C15) GP Protein, His-tagged

Cat. No. GP-800V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zaire ebolavirus (strain H.sapiens-wt/GIN/2014/Kissidougou-C15) GP (AHX24649.1) (Met1-Gln650) was expressed with a polyhistidine tag at the C-terminus.
Species	EBOV
Source	HEK293
Predicted N Terminal	Ile 33
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant zaire ebolavirus (strain H.sapiens-wt/GIN/2014/Kissidougou-C15) GP consists 629 amino acids and predicts a molecular mass of 69.3 kDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>(47.8+44.9) % 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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