

Recombinant EBOV (subtype Zaire, strain H.sapiens-wt/SLE/2014/ManoRiver-G3686.1) GP Protein, His-tagged

Cat. No. GP-814V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zaire ebolavirus(strain Ebola virus H.sapiens-wt/SLE/2014/ManoRiver-G3686.1) GP (AIE11917.1) (Met1-Gln650,Ser46Asn,Phe291Arg) 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 Ebola virus H.sapiens-wt/SLE/2014/ManoRiver-G3686.1) 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	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. 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°C 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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