

Recombinant Ebola virus EBOV (subtype Zaire, strain H.sapiens-wt/GIN/2014/Kissidougou-C15) GP protein(Met1-Gln650), His-tagged

Cat. No. GP-797V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Ebola virus EBOV (subtype Zaire, strain H.sapiens-wt/GIN/2014/Kissidougou-C15) GP protein(AHX24649.1)(Met1-Gln650), fused with C-terminal His tag, was expressed in Insect Cells.
Species	Ebola virus EBOV (subtype Zaire, strain H.sapiens-wt/GIN/2014/Kissidougou-C15)
Source	Insect Cells
ProteinLength	Met1-Gln650
similar	GP
Alias	GP
Conjugate	C-His
Form	Lyophilized from sterile 20mM Tris,500mM NaCl,10% Glycerol, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The recombinant Zaire ebolavirus (strain H.sapiens-wt/GIN/2014/Kissidougou-C15)

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	GP consists of 629 amino acids and predicts a molecular mass of 69.3 kDa. Cleaved partially by a furin-like convertase to GP1 and GP2 with predicted molecular mass of 50.9 kDa and 18.4 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 85% as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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 µg/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneName	
GeneNameWeblink	
OfficialSymbol	GP
OfficialSymbolWeblink	
GeneID	
GeneIDWeblink	
mRNARefseq	
mRNARefseqWeblink	
ProteinRefseqWeblink	
MIMWeblink	

UniProtID	
UniProtIDWeblink	
GENE INFORMATION	
Synonyms	
MIM	

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