

Recombinant EBOV (subtype Zaire, strain Mayinga 1976) GP Protein

Cat. No. GP-742V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zaire ebolavirus (strain Mayinga 1976) GP (AAC54887.1) (Met1-Phe308) was expressed with five amino acids (DDDDK) at the C-terminus.
Species	EBOV
Source	HEK293
ProteinLength	1-308 a.a.
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 Mayinga 1976) GP consists 282 amino acids and predicts a molecular mass of 31.5 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]
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Official Symbol	GP
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Synonyms	spike glycoprotein; small secreted glycoprotein; second secreted glycoprotein
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Gene ID	911829
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mRNA Refseq	
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Protein Refseq	NP_066246
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MIM	
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UniProt ID	Q05320
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