

## Recombinant EBOV(strain Mayinga 1976) GP protein(Met1-Phe308), hFc-tagged

Cat. No. GP-739V Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Zaire ebolavirus (strain Mayinga 1976) GP (AAC54887.1) (Met1-Phe308) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
<b>Species</b>	EBOV
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Phe308
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant Zaire ebolavirus (strain Mayinga 1976) GP consists 514 amino acids and predicts a molecular mass of 57.6 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	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.

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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