

# Recombinant EBOV (subtype Sudan, strain Gulu) GP protein, His-tagged

**Cat. No.** GP-612V    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant EBOV (subtype Sudan, strain Gulu) GP protein(YP_138523.1) (Met1-Arg501), fused with His tag, was expressed in Insect Cells.
<b>Species</b>	EBOV (subtype Sudan, strain Gulu)
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Arg501
<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 Sudan ebolavirus(strain Gulu) GP consists 480 amino acids and predicts a molecular mass of 52.5 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % 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.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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