

Recombinant Ebola virus EBOV (Subtype Sudan, strain Gulu) GP protein(Met1-Asp320), His-tagged

Cat. No. GP-1110V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Sudan ebolavirus (strain Uganda-00) GP (Q7T9D9.1) (Met1-Asp320) was expressed in Insect Cells with a polyhistidine tag at the C-terminus.
Species	EBOV
Source	Insect Cells
ProteinLength	Met1-Asp320
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol,pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Sudan ebolavirus (strain Uganda-00) GP consists 299 amino acids and predicts a molecular mass of 33.8 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % 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.

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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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