

Recombinant EBOV(strain Gulu) GP protein(Met1-Asn637), His-tagged

Cat. No. GP-614V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Sudan ebolavirus (strain Gulu) GP (YP_138523.1) (Met1-Asn637) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	EBOV
Source	HEK293
ProteinLength	Met1-Asn637
Form	Lyophilized from sterile PBS, 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 Gulu) GP consists 616 amino acids and predicts a molecular mass of 67.9 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.
Reconstitution	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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