

Recombinant Ebola virus EBOV (subtype Sudan, strain Gulu) GP protein(Met1-Arg501), His-tagged

Cat. No. GP-3379E Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Sudan ebolavirus (strain Gulu) GP (YP_138523.1) (Met1-Arg501) was expressed in HEK293 with a polyhistidine tag at the C-terminus. |
| Species | EBOV |
| Source | HEK293 |
| ProteinLength | Met1-Arg501 |
| 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 480 amino acids and predicts a molecular mass of 52.5 kDa. |
| Endotoxin | < 1.0 EU per µg protein as determined by the LAL method. |
| Purity | > 90 % 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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