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

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

SPECIFICATION

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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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

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