

Recombinant Sudan ebolavirus GP, His-tagged

Cat. No. GP-568S Lot. No. (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding Sudan ebola virus (strain Uganda-00) GP (Q7T9D9) (Met1-Asp320) was expressed with a C-terminal polyhistidine tag.
Species	Sudan ebolavirus
Source	Human Cells
ProteinLength	Met1-Asp320
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant Sudan ebola virus (strain Uganda-00) GP comprises 299 amino acids and has a predicted molecular mass of 33.8 kDa. The apparent molecular mass of the protein is approximately 46-64 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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GENE INFORMATION

Gene Name	GP nonstructural, soluble, secreted glycoprotein [Sudan ebolavirus]
Official Symbol	GP
Synonyms	GP; nonstructural, soluble, secreted glycoprotein; nonstructural, soluble, secreted glycoprotein; structural glycoprotein; YP_138523.1; processed by furin to yield GP1-GP2 heterodimer that forms membrane-anchored trimers (peplomers); YP_138524.1; forms dimers linked by disulfide bonds (parallel orientation); processed by furin to yield SGP and delta peptide
Gene ID	3160774
Protein Refseq	YP_138524

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