

EBOV EBOV-G / Glycoprotein (aa:Met1-Asp320, His Tag)



Catalog Number: 503091

General Information

Gene Name Synonym

GP1,2; GP1; GP2; GP2-delta

Protein Construction

A DNA sequence encoding Sudan ebola virus (strain Uganda-00) GP (Q7T9D9) (Met1-Asp320) was expressed with a C-terminal polyhistidine tag.

Organism

EBOV

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met 33

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.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

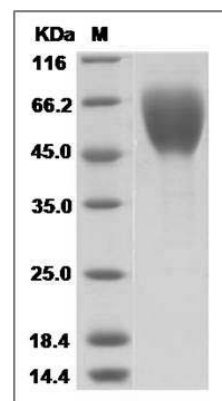
Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Sudan ebolavirus Glycoprotein / GP Protein (His Tag) SDS-PAGE