

General Information

Protein Construction

A DNA sequence encoding the Bundibugyo ebolavirus(strain Uganda 2007) GP (ACI28624.1) (Arg54-Glu201) was expressed with the Fc region of human IgG1 at the C-terminus.

Organism

EBOV

Expression Host

Human Cells

QC Testing

Purity

> 90 % as determined by SDS-PAGE.

Endotoxin

<1.0 EU per μ g 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

Arg 54

Molecular Mass

The recombinant Bundibugyo ebolavirus(strain Uganda 2007) GP consists 386 amino acids and

predicts a molecular mass of 43.1 kDa.

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

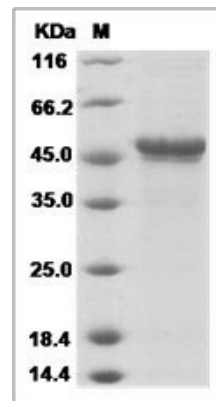
Storage

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



Ebola virus EBOV (subtype Bundibugyo, strain Uganda 2007) GP-RBD / Glycoprotein Protein (Fc Tag)