

## 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 µg 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

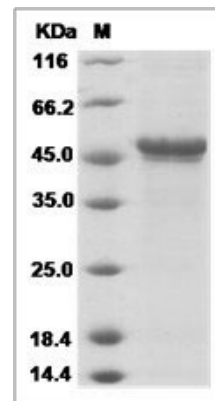
### Storage

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)