

# EBOV EBOV-VP40 / Matrix protein VP40 (His Tag)



Catalog Number: 500364

## General Information

### Gene Name Synonym

Membrane-associated protein VP40

### Protein Construction

A DNA sequence encoding the Bundibugyo ebolavirus(strain Uganda 2007) VP40 (YP\_003815434.1) (Ala31-Lys326) was expressed with a polyhistidine tag at the N-terminus.

### Organism

EBOV

### Expression Host

E. coli

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE.

### Endotoxin

Please contact us for more information.

### Stability

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

### Predicted N terminal

Met

### Molecular Mass

The recombinant Bundibugyo ebolavirus(strain

Uganda 2007) VP40 consists 314 amino acids and predicts a molecular mass of 34.4 kDa.

### Formulation

Lyophilized from sterile 50 mM Tris, 50 mM NaCl, pH 8.0.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

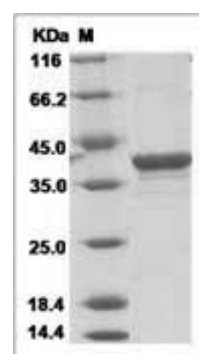
### Storage

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) VP40 / Matrix protein VP40 Protein (His Tag)