

EBOV EBOV-VP40 / Matrix protein VP40 (His & MBP Tag)



Catalog Number: 501322

General Information

Gene Name Synonym

Membrane-associated protein VP40

Protein Construction

A DNA sequence encoding the Zaire ebolavirus(strain H.sapiens-wt/GIN/2014/Kissidougou-C15) VP40 (AHX24648.1) (Met1-Lys326) was expressed with a N-terminal polyhistidine-tagged MBP tag at the N-terminus (his-MBP).

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 Zaire ebolavirus(strain H.sapiens-wt/GIN/2014/Kissidougou-C15) VP40 consists 723 amino acids and predicts a molecular mass of 78.7 kDa.

Formulation

Lyophilized from sterile 50 mM Tris, 500 mM NaCl.

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

Usage Guide

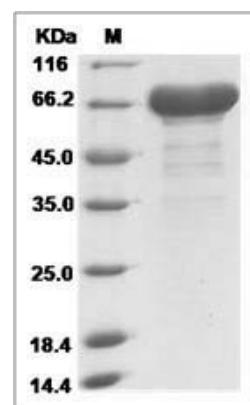
Storage

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 Zaire, strain strain H.sapiens-wt/GIN/2014/Kissidougou-C15) VP40 / Matrix protein VP40 Protein (His & MBP Tag)