

General Information

Gene Name Synonym

Nucleocapsid protein

Protein Construction

A DNA sequence encoding the Sudan ebolavirus(strain Gulu) NP (YP_138520.1) (Gly630-Asp738) was expressed with a polyhistidine tag at the N-terminus.

Organism

EBOV

Expression Host

E. coli

QC Testing

Purity

> 95 % 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 Sudan ebolavirus(strain Gulu)

NP consists 127 amino acids and predicts a molecular mass of 14.8 kDa.

Formulation

Lyophilized from sterile 50 mM Tris, 500 mM NaCl, pH 7.8.

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

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

Usage Guide

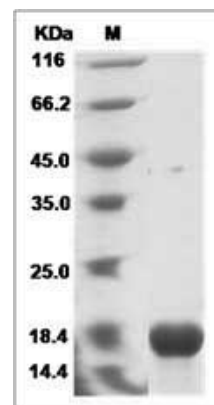
Storage

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 (Sudan ebolavirus, strain Gulu) Nucleoprotein / NP Protein (His Tag)