

## Bundibugyo ebolavirus Nucleocapsid Protein (BEBOV-NP)

Catalog: NCP0156

Tag: His-tag

Source: E. coli Expression

### BackGround:

The genus Ebolavirus from the family Filoviridae is composed of five species including Sudan ebolavirus, Reston ebolavirus, Bundibugyo ebolavirus, Taï Forest ebolavirus, and Ebola virus (previously known as Zaire ebolavirus). These viruses have a large non-segmented, negative-strand RNA of approximately 19 kb that encodes for glycoproteins (i.e., GP, sGP, ssGP), nucleoproteins, virion proteins (i.e., VP 24, 30,40) and an RNA dependent RNA polymerase. These viruses have become a global health concern because of mortality, their rapid dissemination, new outbreaks in West-Africa, and the emergence of a new condition known as "Post-Ebola virus disease syndrome" that resembles inflammatory and autoimmune conditions such as rheumatoid arthritis, systemic lupus erythematosus and spondyloarthritis with uveitis.

### Product:

Inclusion body;0.5mol Urea,PH=8

### Molecular Weight:

2217bp;81kDa

### Entrez-Gene/ Swiss-Prot:

NC\_014373.1

### Purification&Purity:

Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the

purity is &gt; 85% (by SDS-PAGE).

### Applications:

Reseach

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Information:

Carrier:pET30a-BEBOV-NP-His(C-term)

Virus:Bundibugyo ebolavirus, complete genome

### DATA:



Bundibugyo ebolavirus Nucleocapsid Protein, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 85%.

### Note:

For research use only, not for use in diagnostic procedure.

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