

Hantaan orthohantavirus Nucleocapsid Protein (HTNV-NP)

Catalog: NCP0162

Tag: His-tag

Source: E. coli Expression

BackGround:

Orthohantaviruses belong to the family Hantaviridae of the order Bunyvirales and are enveloped negative-sense single-stranded RNA viruses^{1,2}. The viral RNA genomes are segmented into large (L), medium (M), and small (S) segments. The tripartite segments encode an RNA-dependent RNA polymerase (RdRp), two envelope glycoproteins (Gn and Gc), and a nucleocapsid (N) protein. Orthohantaviruses are transmitted to humans when viral infectious particles from the excreta of infected rodents are inhaled through the respiratory tract. HTNV, harbored by the striped field mouse (*Apodemus agrarius*), is an etiological agent for HFRS with fatality rates ranging between 1-15%.

Product:

Soluble protein;PBS,PH=7.4

Molecular Weight:

1287bp;47kDa

Entrez-Gene/ Swiss-Prot:

AY017064.1

Purification&Purity:

Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

Applications:

Reseach

Storage&Stability:

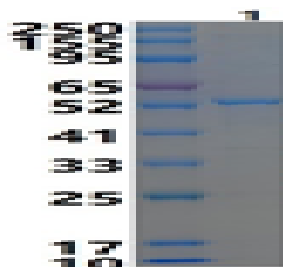
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Information:

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

Virus:Hantaan virus strain 84FLi segment S nucleocapsid protein mRNA, complete cds

DATA:



Hantaan orthohantavirus 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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