

Sin Nombre orthohantavirus Nucleocapsid Protein (SNV-NP)

Catalog: NCP0150

Tag: His-tag

Source: E. coli Expression

BackGround:

Sin Nombre virus (SNV) is the major cause of hantavirus cardiopulmonary syndrome (HCPS) in North America, a severe respiratory disease with a high fatality rate. SNV is carried by *Peromyscus maniculatus*, or deer mice, and human infection occurs following inhalation of aerosolized virus in mouse excreta or secreta, often in peri-domestic settings. Currently there are no FDA approved vaccines or therapeutics for SNV or any other hantaviruses, therefore prevention of infection is an important means of reducing the disease burden of HCPS. One approach for preventing HCPS cases is to prevent the spread of the virus amongst the rodent reservoir population through bait vaccination.

Product:

Inclusion body; 0.5mol Urea, PH=8

Molecular Weight:

1287bp; 47kDa

Entrez-Gene/ Swiss-Prot:

ALI59820.1

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:

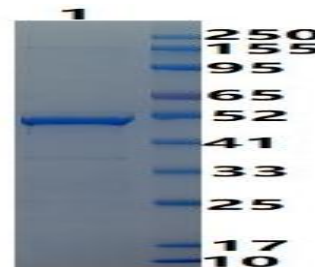
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Information:

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

Virus: nucleocapsid protein [Sin Nombre orthohantavirus]

DATA:



Sin Nombre 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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