

Dobrava-Belgrade orthohantavirus Nucleocapsid Protein (DOBV-NP)

Catalog: NCP0145

Tag: His-tag

Source: E. coli Expression

BackGround:

Dobrava-Belgrade virus (DOBV) is an Old World hantavirus that causes hemorrhagic fever with renal syndrome in humans. With a case fatality rate up to 12%, DOBV infection is the most life-threatening hantavirus disease in Europe. The virus was initially identified in the Balkans, but the discovery of new endemic foci have expanded its recognized geographic range. The recent description of novel genetic variants with different degrees of pathogenicity have complicated its taxonomic analysis. The original rodent host of DOBV is Apodemus flavicollis, however additional Apodemus species, such as Apodemus agrarius and Apodemus ponticus, have been found to serve as hosts of the various DOBV genotypes. The complex evolution and genetic diversity of the virus are still under investigation. The present review aims to provide an update on the phylogeny of DOBV and the epidemiology of infection in rodents and humans; to describe the clinical characteristics of the disease; to present current knowledge about laboratory diagnosis, treatment and prevention; discuss the current state of the art in antiviral drug and vaccine development.

Product:

Soluble protein;PBS,PH=7.4

Molecular Weight:

1287bp;47kDa

Entrez-Gene/ Swiss-Prot:

AJ410619.1

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:

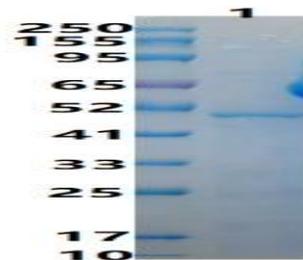
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Information:

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

Virus:Dobrava virus complete S segment gene for nucleocapsid protein, strain DOBV/Ano-Poroia/13Af/99

DATA:



Dobrava virus complete S segment gene for 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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