Dabie bandavirus Nucleocapsid Protein（SFTSV/HB29）

Catalog: NCP0138 Tag: His-tag Source: E. coli Expression

BackGround:

SFTSV is a segmented, negative-sense RNA virus (sNSV), which includes viruses from the Bunyavirales and Articulavirales orders. This virus is a member of the newly identified Banyangvirus genus in the Phenuiviridae family of the Bunyavirales order according to the Virus Taxonomy 2019, which is released by the International Committee on Taxonomy of Viruses (ICTV). SFTSVs form spherical virions of approximately 80–100 nm in diameter with viral glycoprotein (Gn and Gc) at the membrane that facilitates entry. Inside the virion, the RNA genome is composed into three segments (S, small; M, medium; and L, large) that are encompassed by nucleoprotein and bound to L polymerase. These segments encode for nucleoprotein (N) and nonstructural protein (NSs), glycoprotein (Gn and Gc), and the RNA-dependent RNA polymerase (RdRp or L), respectively.Ticks are the potential vector responsible for the spread of SFTSV to humans.

Product:

Soluble protein;PBS,PH=7.4

Molecular Weight:

735bp;26kDa

Entrez-Gene/ Swiss-Prot:

KP202165.1

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:

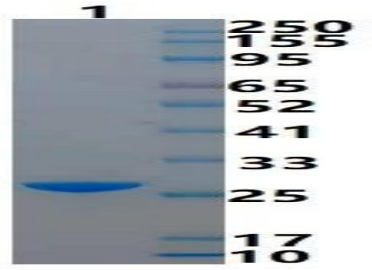
Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Information:

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

Virus:SFTS virus HB29 segment S

DATA:



Dabie bandavirus 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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