

Dengue virus Type IV Nonstructural Protein 1 (DENV4-NS1)

Catalog: NCP0152

Tag: His-tag

Source: E. coli Expression

BackGround:

Dengue virus (DENV) is a mosquito-borne Flavivirus that is endemic in many tropical and sub-tropical countries where the transmission vectors *Aedes* spp. mosquitoes resides. There are four serotypes of the virus. Each serotype is antigenically different, meaning they elicit heterologous antibodies. Infection with one serotype will create neutralizing antibodies to the serotype. Cross-protection from other serotypes is not long term, instead heterotypic infection can cause severe disease.

Product:

Inclusion body; 0.5mol Urea, PH=8

Molecular Weight:

1056bp; 28kDa

Entrez-Gene/ Swiss-Prot:

M14931.2

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-DENV4-NS1-His(C-term)

Virus: Dengue virus type 4 polyprotein precursor, gene, complete cds

DATA:



Dengue virus Type IV Nonstructural Protein 1, 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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