

Dengue virus (DENV) (type 2, strain New Guinea C) NS1 Protein (His Tag)

Catalog Number: 40263-V07H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

DENV-NS1

Protein Construction:

A DNA sequence encoding the Dengue virus (type 2, strain New Guinea C) NS1 (AAC59275.1) (Asp776-Ala1127) was expressed with a polyhistidine tag at the N-terminus.

Source: DENV

Expression Host: HEK293 Cells

QC Testing

Purity: > 90 % as determined by SDS-PAGE.

Endotoxin:

< 1.0 EU per µg protein as determined by the LAL method.

Predicted N terminal: His

Molecular Mass:

The recombinant Dengue virus (type 2, strain New Guinea C) NS1 consists of 371 amino acids and predicts a molecular mass of 42.3 kDa. The apparent molecular mass of the protein is approximately 45.8 kDa in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Stability & Storage:

Samples are stable for twelve months from date of receipt at -20°C to -80°C.

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:

