

# DENV DENV-NS5A / Nonstructural protein 5A (His Tag)



Catalog Number: 503871

## General Information

### Protein Construction

A DNA sequence encoding the Dengue virus (type 2, strain New Guinea C) NS5 (AAC59275.1) (Gly2492-Gln2787) was expressed with a polyhistidine tag at the N-terminus.

### Organism

DENV

### Expression Host

E. coli

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE.

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

### Molecular Mass

The recombinant Dengue virus (type 2, strain New Guinea C) NS5 consists 314 amino acids and

predicts a molecular mass of 35.5 kDa.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage

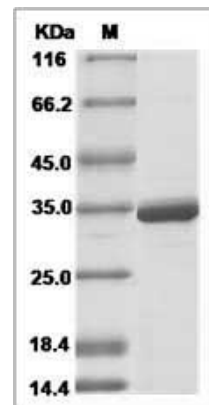
Store it under sterile conditions at -20°C to -80°C.

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Dengue virus DENV-2 (strain New Guinea C) NS5A / Nonstructural protein 5A Protein (His Tag)