# DENV DENV-NS1 / Nonstructural protein 1 (His Tag)

Catalog Number: 500226



## **General Information**

#### **Protein Construction**

A DNA sequence encoding the Dengue virus (type 2, strain New Guinea C) NS1 (AAC59275.1) (Asp1-Ala352) was expressed with a polyhistidine tag at the N-terminus.

#### **Organism**

**DENV** 

## **Expression Host**

**Human Cells** 

# **QC Testing**

## **Purity**

> 90 % as determined by SDS-PAGE.

#### **Endotoxin**

< 1.0 EU per  $\mu$ g protein as determined by the LAL method.

## **Stability**

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

#### Predicted N terminal

His

#### **Molecular Mass**

The recombinant Dengue virus (type 2, strain New

Guinea C) NS1 consists 371 amino acids and predicts a molecular mass of 42.3 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**

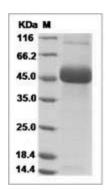
## **Storage**

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