

General Information

Protein Construction

A DNA sequence encoding the Dengue virus (DENV) (type 1, strain US/Hawaii/1944) NS1 (ACF49259.1) (Asp776-Ala1127) 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 μg 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 (DENV) (type 1, strain US/Hawaii/1944) NS1 consists of 371 amino

acids and predicts a molecular mass of 42.2 kDa.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.

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

Usage Guide

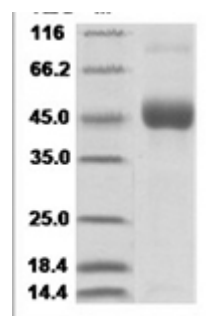
Storage

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

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

SDS-PAGE



DENV DENV-NS1 / Nonstructural protein 1
Protein 14965