

General Information

Protein Construction

A DNA sequence encoding the envelope protein of Dengue virus (DENV)(type 2, strain New Guinea C/PUO-218 hybrid (AAC59274.1) (Gly534-Gln635) was expressed with a polyhistidine tag at the C-terminus.

Organism

DENV

Expression Host

Yeast

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

Gly 534

Molecular Mass

The recombinant the envelope protein of Dengue virus (DENV)(type 2, strain New Guinea C/PUO-218 hybrid consists of 152 amino acids and

predicts a molecular mass of 17.1 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

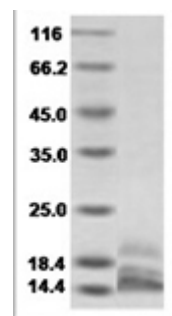
Storage

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



Dengue virus (DENV) (type 2, strain New Guinea C/PUO-218 hybrid) E / Envelope Protein (Domain III, His Tag)