

DENV DENV E / Envelope protein (Domain III, His Tag)



Catalog Number: 504398

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) (Met578-Gln680) 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

Met 578

Molecular Mass

The recombinant envelope protein of Dengue virus (DENV)(type 2, strain New Guinea C/PUO-218 hybrid) consists of 114 amino acids and predicts a

molecular mass of 13 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

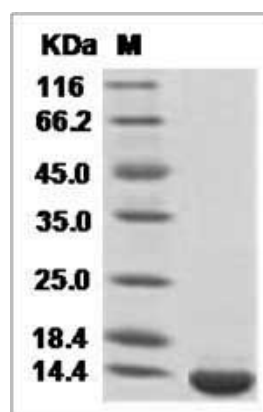
Storage

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



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