

DENV NS1 Protein, His Tag, E. coli

Catalog Number LDG003PVE

Package 5 µg / 100 µg / 1 mg / Customized package

For full product information, images and publications, please visit [our website](#).



Specifications

Species of Origin

Dengue virus

Affinity Tag

His Tag (C-term)

Purity

>98% as determined by SDS-PAGE analysis.

Form

Lyophilized

Expression system

Escherichia coli

Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.

Molecular weight

The protein has a calculated MW of 40.88 kDa. The protein migrates as 25-35 kDa under reducing condition (SDS-PAGE analysis).

Background

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Background

Dengue virus (DENV) is common mosquito-borne infection and a major cause of morbidity in tropical and subtropical regions. DENV NS1 protein containing 353 amino acids with polyhistidine tag at the C-terminus. DENV NS1 protein plays an important role in viral replication and viability. And DENV NS1 has been shown to co-localize with dsRNA and other components of viral replication complexes in viral-induced vesicle packets.

Uniprot ID

#P29990

Synonyms

Genome polyprotein

Sequence Note

Asp776-Ala1127

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Image

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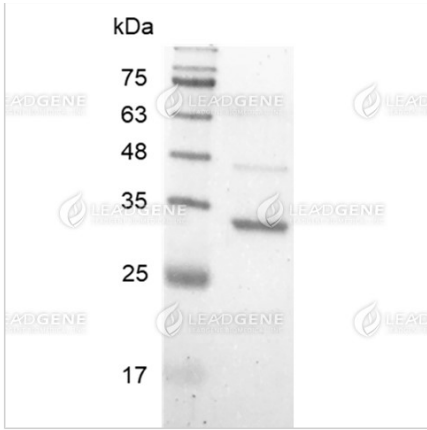
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SDS-PAGE analysis of
recombinant DENV NS1 protein.

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