

Recombinant DENV-2 NS1 protein

Catalog Number: bs-2298P

Concentration: >0.5 mg/ml

AA Seq: Unknown

Predicted MW: 25

Detected MW: 26 kDa

Tags: Tag free

Activity: Not tested

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: Lyophilized from sterile 50mM Na₂SO₄ with 0.5mM DTT, 1mM EDTA and 20mM Tris-HCl (pH7.5).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: Envelope protein E binding to host cell surface receptor is followed by virus internalization through clathrin-mediated endocytosis. Envelope protein E is subsequently involved in membrane fusion between virion and host late endosomes. Synthesized as a homodimer with prM which acts as a chaperone for envelope protein E. After cleavage of prM, envelope protein E dissociate from small envelope protein M and homodimerizes.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.