

Recombinant JEV NS1 protein, N-His

Catalog Number: bs-41388P

Concentration: >0.5 mg/ml

AA Seq: 795-1146/3432

Predicted MW: 40

Detected MW: 46 kDa

Tags: N-His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: 4M Urea (pH7.5) with 1mM DDT.

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

Background: Involved in immune evasion, pathogenesis and viral replication. Once cleaved off the polyprotein, is targeted to three destinations: the viral replication cycle, the plasma membrane and the extracellular compartment. Essential for viral replication. Required for formation of the replication complex and recruitment of other non-structural proteins to the ER-derived membrane structures. Excreted as a hexameric lipoparticle that plays a role against host immune response. Antagonizing the complement function. Binds to the host macrophages and dendritic cells. Inhibits signal transduction originating from Toll-like receptor 3 (TLR3).

VALIDATION IMAGES



The purity of the protein is greater than 65% as determined by reducing SDS-PAGE.