

## Recombinant DENV NS1 Protein (Asp776-Ala1127), C-His tagged, Animal-free, Carrier-free

Cat. No. NS1-329D Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Dengue virus NS1 Protein (Asp776-Ala1127) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
<b>Species</b>	DENV
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asp776-Ala1127
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The protein has a calculated MW of 40.88 kDa. The protein migrates as 25-35 kDa under reducing condition (SDS-PAGE analysis).
<b>Purity</b>	>98% as determined by SDS-PAGE analysis.
<b>Storage</b>	This product is stable after storage at:

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



-20 centigrade for 12 months in lyophilized state from date of receipt.  
-20 or -80 centigrade for 1 month under sterile conditions after reconstitution.  
Avoid repeated freeze/thaw cycles.

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

**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.

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

## GENE INFORMATION

**Official Symbol** NS1

**Synonyms** Genome polyprotein; NS1

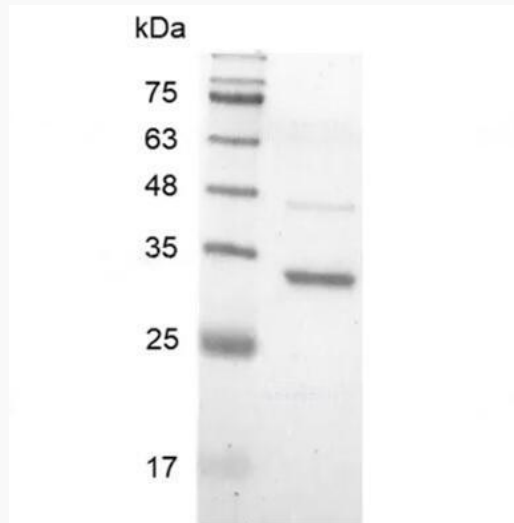
**UniProt ID** [P29990](#)

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**SDS-PAGE analysis  
of recombinant  
DENV NS1 protein.**



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