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

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

SPECIFICATION

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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

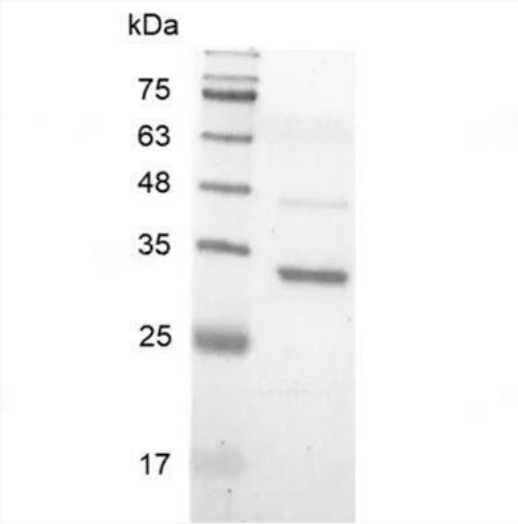
	-20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE analysis of recombinant DENV NS1 protein.



Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA