

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

Cat. No. NS1-330D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dengue virus NS1 Protein (Asp776-Ala1127) with C-His tag was expressed in HEK293 and Animal-free as well as Carrier-free.
Species	DENV
Source	HEK293
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 is 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 40.06 kDa.
Purity	>95% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt.

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-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 7.4.

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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