Recombinant Dengue type 2 NS1 Protein

Cat. No. NS1-17D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This recombinant protein contains full length of Dengue type 2 NS1 protein with a MW of 44.2 kDa. It is recognized by positive samples in ELISA tests.
Species	DENV2
Source	Insect Cells
Description	Plays a role in virus budding by binding to the cell membrane and gathering the viral RNA into a nucleocapsid that forms the core of a mature virus particle. During virus entry, may induce genome penetration into the host cytoplasm after hemifusion induced by the surface proteins. Can migrate to the cell nucleus where it modulates host functions. Overcomes the anti-viral effects of host EXOC1 by sequestering and degrading the latter through the proteasome degradation pathway.
Form	Affinity purified, liquid
Molecular Mass	44.2 kDa
Purity	>95% pure by SDS-PAGE
Applications	Suitable for use in ELISA, Lateral Flow, WB, and other immune tests.
Storage	Upon receipt, quick spin before open vial, aliquot and store at ≤ -20 centigrade. Avoid multiple freeze/thaw cycles

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Storage Buffer	PBS, pH 7.3
Preservative	0.1% ProClin 300
Full Length	Full L.

GENE INFORMATION

Gene Name	POLY polyprotein [Dengue virus 2]
Official Symbol	POLY
Synonyms	POLY; polyprotein; polyprotein gene; anchored capsid protein ancC; capsid protein C; membrane glycoprotein precursor prM; membrane glycoprotein M; envelope protein E; nonstructural protein NS1; nonstructural protein NS2A; nonstructural protein NS2B; nonstructural protein NS3; nonstructural protein NS4A; protein 2K; nonstructural protein NS4B; RNA-dependent RNA polymerase NS5; protein pr; contains structural proteins, C-prM/M-E and non-structural proteins, NS1-NS2A/B-NS3-NS4A/B-NS5
Gene ID	1494449
Protein Refseq	NP_056776
UniProt ID	O09234

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