

Recombinant Dengue fever 1 NS1 antigen

Cat. No. POLY-0038D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dengue fever 1 NS1 antigen without tag was expressed in HEK293.
Species	DENV1
Source	HEK293
Description	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).
Applications	ELISA, CLIA, CG
Notes	For research use only, not for use in diagnostic procedure.
Storage	Short term (up to 7 days) store at 2–8 centigrade. Long term, store at - 20 centigrade. Avoid multiple freeze/thaw cycles.
Storage Buffer	Supplied as a 0.2 µm filtered solution of PBS, pH7.4

GENE INFORMATION

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Gene Name	POLY polyprotein [Dengue virus 1]
Official Symbol	POLY
Synonyms	POLY; polyprotein; polyprotein; anchored capsid protein ancC; 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; nonstructural protein NS4B; RNA-dependent RNA polymerase NS5; capsid protein C; protein 2K; protein pr
Gene ID	5075725
Protein Refseq	NP_059433
UniProt ID	P17763

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