

Recombinant DENV2 NS1 Protein, His-tagged

Cat. No. NS1-01V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant dengue virus serotype 2 NS1 protein, sequence strain Thailand/16681/84, with a C-terminal 6 x His-tag, expressed in 293 human cells.
Species	DENV2
Source	HEK293
Description	Dengue virus is common mosquito-borne infection and a major cause of morbidity in tropical and subtropical regions. There is currently no vaccine to prevent, or effective anti-viral drugs to treat, dengue virus infection. In many cases infection is asymptomatic and the majority of individuals who get ill only suffer the mild, non-specific febrile symptoms characteristic of dengue fever (DF). Only a minority of infections result in severe disease, manifesting as dengue hemorrhagic fever (DHF) or dengue shock syndrome (DSS). Dengue virus infection gives lifelong immunity to the serotype in question but subsequent infection with another serotype may increase the likelihood of severe disease.
Form	Liquid
Purity	> 95% SDS-PAGE
Applications	ELISA
Stability	12 months from date of despatch

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Storage	Store at -70 centigrade. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.
Storage Buffer	Dulbecco's phosphate buffered saline
Preservative	None present
GENE INFORMATION	
Gene Name	POLY polyprotein [Dengue virus 2]
Official Symbol	POLY
Synonyms	POLY; polyprotein; polyprotein gene; polyprotein; 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