

Recombinant Dengue flavivirus polyprotein gene protein, His-tagged

Cat. No. flavivirus polyprotein gene-42D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The E.Coli derived recombinant protein contains the NS1 Dengue Virus full length Type-1 immunodominant regions, migrates as 45kDa on 12% SDS-PAGE gel. The dengue protein is fused to a 6xHis tag at C-terminus.
Species	DENV
Source	E.coli
Description	Caused by one of four closely related virus serotypes of the genus Flavivirus, family Flaviviridae, each serotype is sufficiently different that there is no cross-protection and epidemics caused by multiple serotypes (hyperendemicity) can occur. In cell culture experiments and mice Morpholino antisense oligos have shown specific activity against Dengue virus.
Form	Phosphate buffer and 25mM arginine.
Molecular Mass	45kDa
Purity	Protein is >95% pure as determined by 12% PAGE (coomassie staining).
Applications	Each laboratory should determine an optimum working titer for use in its particular application.
Usage	The products are furnished for LABORATORY RESEARCH USE ONLY. They may

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	not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
Storage	Dengue NS1, ST1 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Shipping	Ice Packs
Full Length	Full L.
GENE INFORMATION	
Gene Name	flavivirus polyprotein gene flavivirus polyprotein [Dengue virus 1]
Official Symbol	flavivirus polyprotein gene
Synonyms	flavivirus polyprotein gene; flavivirus polyprotein; anchored capsid protein C; capsid protein C; membrane glycoprotein precursor M; 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
Gene ID	5075725
Protein Refseq	NP_059433.1
UniProt ID	P17763