

Recombinant Dengue Virus Subtype-4 Envelope

Cat. No. Envelope-01D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The E. coli derived recombinant 28 kDa protein is genetically engineered peptide which is derived from Dengue Type-4 Envelope. This region also contains a common antigen for Dengue type 1, 2 and 3.
Species	DENV4
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.
Molecular Mass	22 kDa
Purity	>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	Our products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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Stability	Dengue Envelope ST4 although stable at 4 centigrade for 1 week, should be stored below -18 centigrade. Please prevent freeze thaw cycles.
Storage Buffer	Phosphate buffered saline, pH 7.4.
Shipping	Shipped with Ice Packs
GENE INFORMATION	
Gene Name	POLY polyprotein [Dengue virus 4]
Official Symbol	POLY
Synonyms	POLY; polyprotein; polyprotein gene; polyprotein; capsid protein C; 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; protein 2K; nonstructural protein NS4B; RNA-dependent RNA polymerase NS5; protein pr
Gene ID	5075729
Protein Refseq	NP_073286
UniProt ID	P09866