

## Dengue Envelope-1, Insect

**Description:** Recombinant Dengue Virus Subtype 1 produced in Insect Cells is a polypeptide chain containing amino acids 281-675 and having a molecular weight of approximately 50kDa. Dengue Envelope-1 is purified by proprietary chromatographic technique.

Catalog #: DEPS-040

**Source:** Insect cells.

For research use only.

**Physical Appearance:** Sterile filtered colorless solution.

**Amino Acid Sequence:** mrcvlgignrd fveglsgatw vdvvlehgsc vttmakdkpt ldiellktev tnpavlrklc  
ieakisnttt dsrptqgea tlveeqdanf vcrrtfvdrq wngngcglfgk gsltcakfk cvtklegkiv qyenlkysvi vtvtgdqhq  
vgnettehgt itatipqapt seiqltdyga ltlcdsprtg ldfnemvllt mkekswlvhk qwflidlpw tsgastsqet wn

**Purity:** Protein is >95% pure as determined by 12.5% SDS-PAGE.

**Formulation:**

Dengue Envelope-1 protein solution in 1xD-PBS, pH7.4, 0.1% Thimerosal, 5mM EDTA, 1

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

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.

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