

Dengue Envelope-4, Insect

Description: Recombinant Dengue Virus Subtype 4 produced in Insect Cells is a polypeptide chain containing amino acids 280-674 and having a molecular weight of approximately 50kDa. Dengue Envelope-4 is purified by proprietary chromatographic technique.

Catalog #:DEPS-043

Source: Insect cells.

For research use only.

Physical Appearance: Sterile filtered colorless solution.

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

Formulation:

Dengue Envelope-4 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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