

Dengue Envelope-1 22kDa

Description: The E.coli derived recombinant 22 kDa protein is genetically engineered peptide which is derived from Dengue Type-1 N-terminus Envelope immunodeterminant regions and fused with a 6 aa His Tag. This region also contains a common antigen for Dengue type 1, 2 and 3.

Catalog #: DEPS-012

For research use only.

Purity: Protein is >95% pure as determined by 10% PAGE (coomassie staining).

Formulation:

Phosphate buffered saline, pH-7.4.

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.

Applications:

Each laboratory should determine an optimum working titer for use in its particular application.

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.

Storage:

Dengue Envelope ST1 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

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