

Dengue Envelope-2 22kDa

Description: The E.coli derived recombinant 22 kDa protein is genetically engineered peptide which is derived from Dengue Type-2 Envelope. This region also contains a common antigen for Dengue type 2, 3 and 4. This protein is fused to 6xHis tag.

Catalog #: DEPS-014

For research use only.

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

Formulation:

50mM sodium chloride-phosphorous buffer, pH-7.5.

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 ST2 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

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