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Dengue Premembrane

Catalog #:DEPS-035

For research use only.

Description: Recombinant dengue 2 premembrane is a whole length peptide expressed from E. coil with 18kDa in size. PreM is considered as a signal peptide responsible for dengue envelope translocation in cells. Experiment showed it can elicit protective immune response, it is considered as a potentialtarget for vaccine development. Recombinant dengue 2 PreM is fused with a 6xHis tag.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

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

Formulation:
50mM sodium chloride-phosphorous buffer, pH-7.4.

Stability:
Recombinant dengue 2 premembrane althoμgh stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drμgs, 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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