

## Dengue Premembrane

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**Description:** Recombinant dengue 2 premembrane is a whole length peptide expressed from E. coli 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 potential target for vaccine development. Recombinant dengue 2 PreM is fused with a 6xHis tag.

**Catalog #:** DEPS-035

For research use only.

**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 although 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 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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