

32-5708: Recombinant Dengue Virus Subtype 2, Premembrane

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount :	0.5 mg
Purification :	Protein is >95% pure as determined by 12% PAGE (coomassie staining).
Content :	50mM phosphate buffer saline, pH-7.4.
Storage condition :	Recombinant dengue 2 premembrane although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.