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**Product Data Sheet**

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Product Name: Dengue Envelope-2, Insect

Cat. No.: GP25542

Batch No.: 1

**Product Data**

Purity	>98%	Source	Insect cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	Dengue Envelope-2 protein solution in 1xD-PBS, pH7.4, 0.1% Thimerosal, 5mM EDTA, 1µg/ml of Leupeptin, Aprotinin and Pepstatin A.		

**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.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Background**

Recombinant Dengue Virus Subtype 2 produced in Insect Cells is a polypeptide chain containing amino acids 281-675 and having a molecular weight of approximately 50kDa. Dengue Envelope-2 is purified by proprietary chromatographic technique.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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