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## Product Data Sheet

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Product Name: Dengue Envelope-2 & 4

Cat. No.: GP25539

Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	The protein solution contains Phosphate buffered saline, pH-7.4.		

### 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

Dengue Envelope-2 & 4 Recombinant although stable at 4°C for 1 week, should be stored below -18°C . Please prevent freeze thaw cycles.

### Background

The E.coli derived recombinant 52kDa protein is genetically engineered peptide which is derived from Dengue Type-2 and 4 to be expressed as a fused envelope, each part in this fusion contains 170 a.a (positions 46-217),it is used in ELISA assay. This fusion protein is connected to a 6xHis Tag. Dengue Type-2 and 4 is purified by proprietary chromatographic technique.

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

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