
Product Data Sheet

Product Name: Dengue Envelope-1 15kDa

Cat. No.: GP25540

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	1xPBS pH 7.4 and 0.02% sodium nitrate.		

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-ST1 D-III 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 15kDa protein is genetically engineered peptide which is derived from C terminus of Dengue Type-1 envelope. The expressed protein contains neutralizing epitopes and receptor binding domain, it has been used in the study for vaccine development. A 6 x His Tag is fused at its C-terminus.

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

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