

Product Data Sheet

□ Cat # RP-345 Recombinant (E.Coli) Dengue Virus NS1 c-end Type 2 protein Size: □ 100 ug

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.

Description:

The E.Coli derived recombinant protein contains the NS1 Dengue Virus c-end Type-2 immunodominant regions. Dengue protein is purified (>90%) by proprietary chromatographic technique. It is supplied in 10mM Tris-Hcl 100mM NaH₂PO₄ and 8M urea. Protein conc is 100 ug/100 ul (lot specific conc provided on the vial).

Storage:

Dengue Protein is shipped at ambient temperature. Upon arrival, Store at -20°C. If supplied in powder then reconstitute it in 100 ul water for 1 mg/ml stock and store in liquid at 4°C for ~1 week or aliquots in suitable size and store at -20°C for long term storage.

Stability:

Five years frozen. One month in solution at room temperature.

Applications:

Each laboratory should determine an optimum working titer for use in its particular application.

Usage:

This item is for LABORATORY RESEARCH USE ONLY.

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