
Product Data Sheet

Cat # RP-1608

Recombinant (E. coli) Dengue Virus Type 1 N-terminus

Size: 50 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.

USAGE:

This item is for LABORATORY RESEARCH USE ONLY.

RP-1608

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SOURCE:

The E.coli derived recombinant 23 kDa protein is genetically engineered peptide which is derived from Dengue Type-1 N-terminus Envelope immunodeterminant regions. This region also contains a common antigen for Dengue type 1, 2 and 3. 50mM sodium chloride-phosphorous buffer, pH-7.5.

APPLICATION AND SUGGESTED DILUTIONS:

Protein is >95% pure as determined by 10% PAGE (coomassie staining). Users must optimize the appropriate concentration and conditions for each assay.

STORAGE & STABILITY:

Protein is shipped at ambient temperature. Upon arrival, Store at -20°C. Five years frozen. One month in solution at room temperature.

If supplied in powder then reconstitute it in 100ul water for 1mg/mL stock and store in liquid at 4°C for ~ 1week or aliquots in suitable size and store at -20°C for long term storage.

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