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Certificate of Analysis and Data Sheet

Recombinant Dengue Virus NS1 n-end Type 2

Catalog No.
228-10316

Source:
E. Coli

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 Morpholinoantisense oligos have shown specific activity against Dengue virus.

Description

The E.Coli derived recombinant protein contains the NS1 Dengue Virus n-end Type-2 immunodominant regions. The Recombinant Dengue Virus NS1n is fused to a GST tag.

Method

Dengue protein is purified by proprietary chromatographic technique.

Purity

Dengue protein is >95% pure as determined by 10% PAGE (coomassie staining).

Formulation

50mM Tris-Hcl pH 8.0, 60mM NaCl, 10mM glutathione and 50% glycerol.

Storage

Dengue protein is shipped at ambient temperature.
Upon arrival, store at -20°C.

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.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**