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# Certificate of Analysis and Data Sheet

## Recombinant Dengue Virus NS1 Type 2

**Catalog No.**  
228-10314

**Source:**  
*Escherichia 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 Morpholino antisense oligos have shown specific activity against Dengue virus.

### ***Description:***

The E.Coli derived recombinant protein contains the NS1 Dengue Virus full length Type-2 immunodominant regions.

The dengue protein is fused to 6xHis tag Method Purified by proprietary chromatographic technique.

### ***Formulation:***

100mM Tris HCl pH-8, 8M Urea & 200mM NaCl.

### ***Stability:***

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

### ***Purity:***

Protein is >90% pure as determined by 10% PAGE (coomassie staining).

### ***Storage:***

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

### ***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.**