

Dengue Envelope-2 15kDa

Description: The E.coli derived recombinant 15kDa protein is genetically engineered peptide which is derived from Dengue Type-2 envelope III domain immunodeterminant regions. The expressed dengue envelope Type-2 III domain covers domain III region and is fused with a 6 His Tag at C-terminus. This peptide is particularly important for diagnostic and vaccine development as it contains multiple serotypes, neutralizing epitopes and receptor binding domain.

Catalog #:DEPS-013

For research use only.

Amino Acid Sequence: SYSMCTGKFK IVKEIAETQH GTIVIRVQYE GDGSPCKIPF
EIMDLEKRHV LGRLITVNPI VTEKDSPVNI EAEPFGDSY III GVEPGQ LKLDWFKKGS
SIGQMFETTM RGAKRMA-His Tag.

Purity: Protein is >95% pure as determined by 12% PAGE (coomassie staining).

Formulation:

Phosphate buffered saline pH 7.4.

Stability:

Dengue Envelope-ST2 D-III although stable at 4°C for 1 week, should be stored below -18°C.

Please prevent freeze thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Applications:

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

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.

To place an order, please [Click HERE](#).