



Recombinant Dengue Virus Subtype-2 Envelope Protein [His] (DAG479)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview

The E.coli derived recombinant 22 kDa protein is genetically engineered peptide which is derived from Dengue Type-2 Envelope. This region also contains a common antigen for Dengue type 2, 3 and 4. This protein is fused to 6xHis tag.

Purity

>95% pure as determined by 12% PAGE (coomassie staining)

Conjugate

His

Applications

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

Molecular Weight

22 kDa

Format

Liquid

Size

500 µg, 1 mg

Buffer

Phosphorous buffered saline, pH-7.4.

Preservative

None

Storage

Dengue Envelope ST2 although stable at 4°C for 1 week, should be stored below -18°C.
Please prevent freeze thaw cycles.

BACKGROUND

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.

Keywords	Dengue virus 2; DENV; DENV Envelope Protein; Dengue Virus 2 Envelope Protein; DENV type 2 Envelope protein; DENV E Protein
-----------------	--
