



Recombinant DENV type 3 Envelope Protein (28 kDa) (DAG2714)

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

PRODUCT INFORMATION

Product Overview

The E. coli derived recombinant 28 kDa protein is genetically engineered peptide which is derived from Dengue Type-3 Envelope. This region also contains a common antigen for Dengue type 1, 2 and 4. The sequence is from Dengue virus type 3 strain C0360/94,

Species

DENV

Purity

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

Conjugate

Unconjugated

Preservative

None

Storage

2-8°C short term, -20°C long term

BACKGROUND

Introduction

Dengue (DF) and dengue hemorrhagic fever (DHF) are caused by one of four closely related, but antigenically distinct, virus serotypes (DEN-1, DEN-2, DEN-3, and DEN-4), of the genus Flavivirus. Infection with one of these serotypes provides immunity to only that serotype for life, so persons living in a dengue-endemic area can have more than one dengue infection during their lifetime. DF and DHF are primarily diseases of tropical and sub tropical areas, and the four different dengue serotypes are maintained in a cycle that involves humans and the Aedes mosquito

Keywords

Dengue Type 2; Dengue Type 2, Envelope (E); DENE; DENE E; DEN-2; Flaviviridae; Flavivirus; DENV P3; Dengue virus P3; P3; Dengue Virus Envelope Protein-3; Protein-3