



DENV type 2 Envelope protein (aa 298 - 400) (DAG-P2489)

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

PRODUCT INFORMATION

Product Overview	Dengue Virus 2 Dengue Virus 2 envelope protein fragment
Antigen Description	Synthesized as an homodimer with prM which acts as a chaperone for envelope protein E. After cleavage of prM, envelope protein E dissociate from small envelope protein M and homodimerizes.
Nature	Recombinant
Expression System	E. coli
Species	DENV
Purity	>95% by SDS-PAGE .This antigen is purified using conventional chromatography techniques.
Conjugate	His
Applications	SDS-PAGE
Molecular Weight	14 kDa including tags
Cellular Localization	Virion membrane; Single-pass type I membrane protein
Procedure	None
Format	Liquid
Buffer	pH: 8Constituents: 0.32% Tris HCl, 0.88% Sodium chloride, 10% Glycerol, 0.02% DTT
Preservative	None
Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -

80°C. Avoid freeze / thaw cycle. pH: 8
Constituents: 0.32% Tris HCl, 0.88% Sodium chloride,
10% Glycerol, 0.02% DTT

BACKGROUND

Introduction

The dengue virus (DENV) in one of five serotypes is the cause of dengue fever. It is a mosquito-borne single positive-stranded RNA virus of the family Flaviviridae; genus Flavivirus. All five serotypes can cause the full spectrum of disease.

Keywords

Envelope protein E; DENV-2 E
