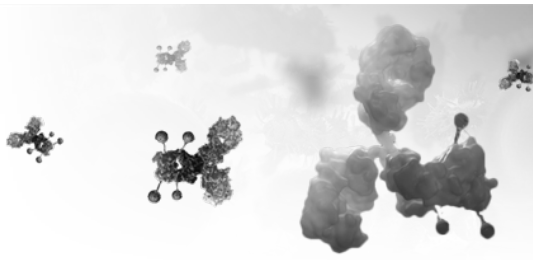

Recombinant DENV type 2 Envelope Protein (28 kDa) (DAG3289)

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

PRODUCT INFORMATION

Product Overview	Recombinant Dengue Virus Envelope ST2
Specificity	The E. coli derived recombinant 28 kDa protein is genetically engineered peptide which is derived from dengue Type-2 envelope. This region also contains a common antigen for dengue virus types 2, 3 and 4. The protein is purified by proprietary chromatogra
Species	DENV
Conjugate	Unconjugated
Applications	The end user must determine the optimum working titer for each particular application.
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Dengue virus (DENV) in one of four serotypes is the cause of dengue fever. It is a mosquito-borne single positive-stranded RNA virus of the family Flaviviridae; genus Flavivirus. All four serotypes can cause the full spectrum of disease. Its genome is about 11000 bases that codes for three structural proteins, capsid protein C, membrane protein M, envelope protein E; seven nonstructural proteins, NS1, NS2a, NS2b, NS3, NS4a, NS4b, NS5; and short non-coding regions on both the 5 and 3 ends. Further classification of each serotype into genotypes often relates to the region where particular strains are commonly found or were first found.
Keywords	Dengue Virus 1+2+3+4; Dengue Virus Type 1, 2, 3, 4; Group IV; Flaviviridae; Flavivirus; Dengue virus; Dengue Virus; DENV

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221