



Recombinant DENV Envelope protein [His] (DAGC738)

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

PRODUCT INFORMATION

Product Overview	Recombinant DENV Envelope protein contains serotype common regions.
Species	DENV
Purity	~ 95% by SDS-PAGE
Conjugate	His
Applications	ELISA, LFIA
Molecular Weight	20 kDa
Format	Liquid
Size	100 µg
Buffer	PBS, pH 7.4
Preservative	None
Storage	Stored at -20°C.

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
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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	DENV Envelope protein; DENV Envelope; Dengue virus Envelope protein; Dengue virus Envelope; DENV; Dengue virus
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