



Recombinant Dengue type 2 envelope Protein [His] (13.8 kDa) (DAG-T2710)

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

PRODUCT INFORMATION

Species	DENV
Purity	> 95% pure
Conjugate	His
Applications	SDS-PAGE
Molecular Weight	13.8 kDa
Format	Liquid
Concentration	500 ug/ml
Size	100 µg
Buffer	Supplied in liquid form in 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Preservative	None
Storage	Can be stored at 4 °C short term. For long term storage, aliquot and store at -20 °C or -70 °C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Introduction	Envelope protein E binding to host cell surface receptor is followed by virus internalization through clathrin-mediated endocytosis. Envelope protein E is subsequently involved in membrane fusion between virion and host late endosomes. This protein is synthesized as a
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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.

Keywords	Dengue virus; DENV; DENV envelope
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