



Recombinant Dengue Virus Subtype-2 Envelope Protein [His] (22 kDa) (DAGA-098)

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

PRODUCT INFORMATION

Product Overview	The E.coli derived recombinant 22 kDa protein is genetically engineered peptide which is derived from Dengue Type-2 Envelope. This region also contains a common antigen for Dengue type 2, 3 and 4. This protein is fused to 6xHis tag.
Nature	Recombinant
Expression System	E. coli
Species	DENV
Purity	>95% pure as determined by 12% PAGE (coomassie staining)
Conjugate	His
Applications	Each laboratory should determine an optimum working titer for use in its particular application.
Molecular Weight	22 kDa
Procedure	None
Format	Liquid
Size	500 µg, 1 mg
Buffer	Phosphorous buffered saline, pH-7.4.
Preservative	None
Storage	Dengue Envelope ST2 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

BACKGROUND

Introduction	Caused by one of four closely related virus serotypes of the genus Flavivirus, family Flaviviridae, each serotype is sufficiently different that there is no cross-protection and epidemics caused by multiple serotypes (hyperendemicity) can occur. In cell culture experiments and mice Morpholino antisense oligos have shown specific activity against Dengue virus.
Keywords	Dengue virus 2; DENV; DENV Envelope Protein; Dengue Virus 2 Envelope Protein; DENV type 2 Envelope protein; DENV E Protein