



# DENV type 3 Envelope protein (22 kDa) (DAGA-097)

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

## PRODUCT INFORMATION

**Antigen Description**      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. The E.coli derived recombinant 28 kDa protein is genetically engineered peptide which is derived from Dengue Type-3 Envelope. This region also contains a common antigen for Dengue type 1, 2 and 4. The sequence is from Dengue virus type 3 strain C0360/94, genebank access code is AY923865.

<b>Nature</b>	Recombinant
<b>Expression System</b>	E. coli
<b>Purity</b>	Protein is >95% pure as determined by 12% PAGE (coomassie staining).
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	N/A
<b>Molecular Weight</b>	22 kDa
<b>Stability</b>	Stable at 4°C for 1 week. Please prevent freeze thaw cycles.
<b>Procedure</b>	None
<b>Format</b>	Solution
<b>Size</b>	100µg; 500µg; 1000µg
<b>Buffer</b>	Phosphate buffered saline, pH-7.4.
<b>Preservative</b>	None
<b>Storage</b>	Stored below -18°C.
<b>Ship</b>	Ice Packs

## BACKGROUND

**Keywords**

Dengue virus 1; Flavivirus; DENV Envelope Protein; DV1 Envelope Protein; Dengue Virus 1 Envelope Protein; DENV type 3 Envelope protein

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