



# DENV type 1 Envelope protein (22 kDa) (DAGA-100)

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 22 kDa protein is genetically engineered peptide which is derived from Dengue Type-1 N-terminus Envelope immunodeterminant regions and fused with a 6 aa His Tag. This region also contains a common antigen for Dengue type 1, 2 and 3.

<b>Purity</b>	Protein is >95% pure as determined by 10% 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>Format</b>	Solution
<b>Size</b>	100 µg, 500 µg, 1 mg
<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**

DENV-1 E; Dengue E glycoprotein; Dengue Type-1 Envelope; Dengue envelope glycoprotein; Dengue glycoprotein E; Dengue virus envelope glycoprotein; Dengue virus glycoprotein E; Flaviviridae; Flavivirus; DENV type 1 Envelope protein

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