



## DENV type 2 NS1 (50 kDa) (DAGA-075)

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. Recombinant Dengue Virus NS1 Subtype 2 produced in Insect Cells is a polypeptide chain containing amino acids 777-1131 and having a molecular weight of approximately 50kDa. Dengue NS1 ST2 is fused to a His tag and purified by proprietary chromatographic technique.

<b>Nature</b>	Recombinant
<b>Expression System</b>	Insect cells
<b>Purity</b>	Protein is >95% pure as determined by 12.5% SDS-PAGE.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	N/A
<b>Molecular Weight</b>	50 kDa
<b>Stability</b>	For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Procedure</b>	5mM EDTA
<b>Format</b>	Solution
<b>Size</b>	2 µg, 10 µg, 1 mg
<b>Buffer</b>	Dengue NS1 ST2 protein solution in 1xD-PBS, pH7.4, 0.1% Thimerosal, 5mM EDTA, 1g/ml of Leupeptin, Aprotinin and Pepstatin A.
<b>Preservative</b>	0.1% Thimerosal

<b>Storage</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.
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<b>Ship</b>	Ice Packs
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## BACKGROUND

<b>Keywords</b>	NS1; non-structural protein 1; Dengue virus 2; Flavivirus; DENV prM; DENV NS1; DV2 NS1; Dengue Virus 2 non-structural protein 1; DENV type 2 Nonstructural Protein 1
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