



# DENV NS1 (full length Type-2 immunodominant regions) [His] (DAGA-249)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	The E.Coli derived recombinant protein contains the NS1 Dengue Virus full length Type-2 immunodominant regions, having an Mw of 45kDa. The dengue protein is fused to 6xHis tag at C-terminus and purified by proprietary chromatographic technique.
<b>Antigen Description</b>	NS1 is essential for viral viability but its precise biological function is unknown. Antibodies raised in response to NS1 in viral infection can cross react with cell surface antigens on epithelial cells and platelets and this has been implicated in the d
<b>Purity</b>	Protein is>95% pure as determined by 10% SDS-PAGE (coomassie staining).
<b>Conjugate</b>	His
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Size</b>	100 µg, 500 µg, 1 mg
<b>Buffer</b>	PBS, 25mM arginine and 1mM EDTA
<b>Preservative</b>	None
<b>Storage</b>	Stable at 4°C for 1 week, but should be stored below -18°C. Please prevent freeze thaw cycles.

## BACKGROUND

<b>Introduction</b>	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
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experiments and mice Morpholino antisense oligos have shown specific activity against Dengue virus.

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**Keywords**

Dengue Virus 1+2+3+4;Dengue Virus Type 1, 2, 3, 4;Group IV;Flaviviridae;Flavivirus;Dengue virus;Dengue Virus;DENV

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