



Recombinant DENV Non-structural Protein 1 (DAG3909)

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

PRODUCT INFORMATION

Product Overview	Recombinant Dengue Virus non-structural protein 1
Species	DENV
Purity	greater than 90% pure as determined by SDS-PAGE
Conjugate	Unconjugated
Applications	immunogen
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Dengue virus (DENV) in one of four serotypes is the cause of dengue fever. It is a mosquito-borne single positive-stranded RNA virus of the family Flaviviridae; genus Flavivirus. All four serotypes can cause the full spectrum of disease. Its genome is about 11000 bases that codes for three structural proteins, capsid protein C, membrane protein M, envelope protein E; seven nonstructural proteins, NS1, NS2a, NS2b, NS3, NS4a, NS4b, NS5; and short non-coding regions on both the 5' and 3' ends. Further classification of each serotype into genotypes often relates to the region where particular strains are commonly found or were first found.
Keywords	NS1; non-structural protein 1; Dengue virus 1; Flavivirus; DENV prM; DENV NS1; DV1 NS1; Dengue Virus 1 non-structural protein 1; DENV NS1c; Dengue Virus NS1 C-terminal end