



# Recombinant DENV type 2 Capsid Protein [His] (DAG1981)

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

## PRODUCT INFORMATION

Product Overview	C-terminal 6xHis tagged Capsid Protein (Dengue virus 2) (a.a. 1-100)
Species	DENV
Purity	> 95%, based on SDS PAGE
Conjugate	His
Applications	WB standard; antibody ELISA; immunogen.
Format	Liquid
Size	100 µg, 1 mg
Buffer	PBS with 8M Urea
Preservative	None
Storage	2-8°C short term, -20°C long term

## BACKGROUND

Introduction	Dengue virus (DENV) is one of four serotypes that cause 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.
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**Keywords**

DENV; Dengue Virus Capsid Protein; DENV Capsid Protein; Dengue virus; DENV-2 Capsid Protein; DENV-2

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