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Datasheet for ABIN7316943  
**DENV2 NS1 Protein (His tag)**

### Overview

Quantity:	100 µg
Target:	DENV2 NS1
Origin:	Dengue Virus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DENV2 NS1 protein is labelled with His tag.

### Product Details

Purpose:	DENV2 (strain Thailand/16681/1984) NS1 protein, His Tag (MALS verified)
Sequence:	Asp 776 - Ala 1127
Characteristics:	DENV2 (strain Thailand/16681/1984) NS1 protein, His Tag is expressed from human 293 cells (HEK293). It contains AA Asp 776 - Ala 1127 (Accession # P29990-1).
Purity:	95,00 %
Endotoxin Level:	1.0 EU per µg
Grade:	MALS verified

### Target Details

Target:	DENV2 NS1
Alternative Name:	DENV2 NS1 protein ( <a href="#">DENV2 NS1 Products</a> )
Background:	Synonyms: NS1, Description: Dengue is a mosquito-borne viral disease widely spread all over the

## Target Details

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world transmitted by 4 serotypes of dengue virus (DENV). The symptoms range from mild dengue fever to dengue hemorrhagic fever (DHF) and dengue shock syndrome (DSS) with high mortality. Currently, most of the studies on DENV vaccines emphasize on its envelope protein (i.e., Sanofi's tetravalent dengue vaccine Dengvaxia). However, the fact pointing out that the vaccines with Envelope protein may could have negative effect on people never infected by DENV which makes the non-structural protein NS1 become another great target for vaccine research with its ability to avoid Antibody Dependent Enhancement.

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Molecular Weight: 41.8 kDa

## Application Details

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Comment: This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 41.8 kDa. The protein migrates as 45-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Buffer: PBS, pH 7.4

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Storage: -20 °C

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Storage Comment: -20°C