

## Product datasheet

# Recombinant Dengue Virus 2 NS1 glycoprotein ab64456

[7 References](#) [1 Image](#)

### Description

<b>Product name</b>	Recombinant Dengue Virus 2 NS1 glycoprotein
<b>Purity</b>	> 90 % SDS-PAGE.
<b>Expression system</b>	Escherichia coli
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Dengue virus 2
<b>Predicted molecular weight</b>	48 kDa including tags
<b>Tags</b>	His tag C-Terminus
<b>Description</b>	Recombinant Dengue Virus 2 Dengue Virus NS1 glycoprotein

### Specifications

Our **Abpromise guarantee** covers the use of **ab64456** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA Western blot
<b>Form</b>	Liquid

### Preparation and Storage

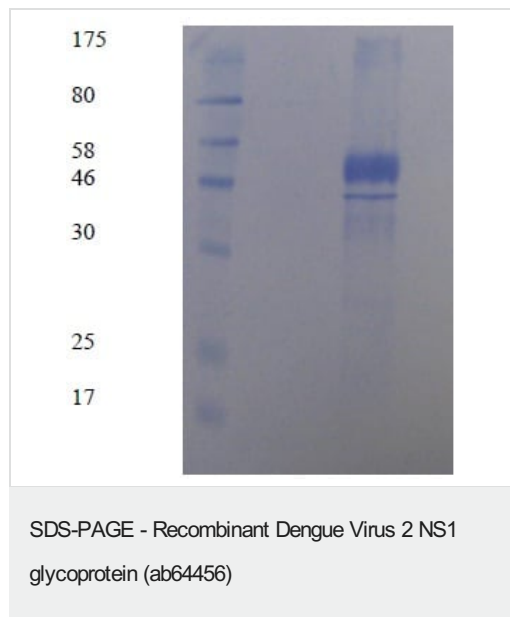
<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.  pH: 7.2 Constituents: 48% Urea, 1.58% Tris HCl, 1.16% Sodium chloride
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### General Info

## Relevance

NS1 is one of 7 Dengue Virus non-structural proteins which are thought to be involved in viral replication. NS1 exists as a monomer in its immature form but is rapidly processed in the endoplasmic reticulum to form a stable dimer. A small amount of NS1 remains associated with intracellular organelles where it is thought to be involved in viral replication. The rest of NS1 is found either associated with the plasma membrane or secreted as a soluble hexadimer. 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 development of Dengue Hemorrhagic fever.

## Images



**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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