Product datasheet

Recombinant Dengue Virus 2 NS1 glycoprotein
ab64456

Description

**Product name**  
Recombinant Dengue Virus 2 NS1 glycoprotein

**Purity**  
> 90 % SDS-PAGE.

**Expression system**  
Escherichia coli

**Protein length**  
Full length protein

**Animal free**  
No

**Nature**  
Recombinant

**Species**  
Dengue virus 2

**Predicted molecular weight**  
48 kDa including tags

**Tags**  
His tag C-Terminus

**Description**  
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.

**Applications**

- ELISA
- Western blot
- Other

**Form**  
Liquid

Preparation and Storage

**Stability and Storage**  

pH: 8.00

Constituents: 48% Urea, 1.58% Tris HCl, 1.16% Sodium chloride
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.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

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