

Product datasheet

Recombinant West Nile Virus NS1 protein ab190131

1 Image

Overview

<b>Product name</b>	Recombinant West Nile Virus NS1 protein
<b>Protein length</b>	Full length protein

Description

<b>Nature</b>	Recombinant
<b>Source</b>	HEK 293 cells
<b>Amino Acid Sequence</b>	
<b>Molecular weight</b>	40 kDa
<b>Additional sequence information</b>	Strain NY99.

Specifications

Our [Abpromise guarantee](#) covers the use of **ab190131** 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>	SDS-PAGE
<b>Purity</b>	>95% by SDS-PAGE . ab190131 is 0.2µm filter sterilized.
<b>Form</b>	Liquid

Preparation and Storage

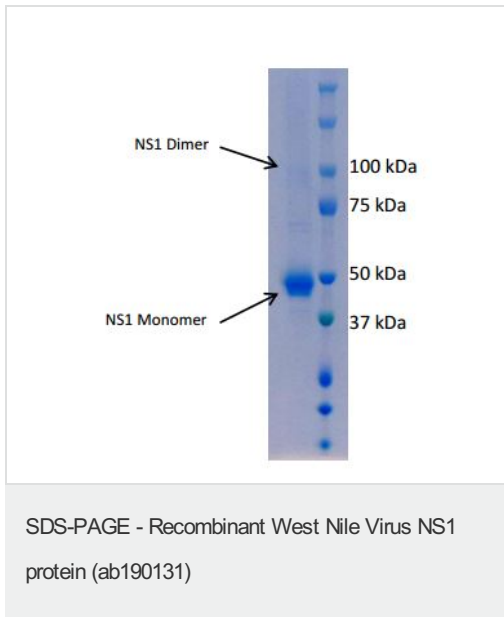
<b>Stability and Storage</b>	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.40 Constituent: 100% PBS
------------------------------	--

General Info

<b>Relevance</b>	West Nile Virus is a viral disease of varying severity occurring in Africa, Asia, the Mediterranean, and parts of North America that is transmitted by a culex mosquito. West Nile Virus is an enveloped virus with an 11-kilobase positive ssRNA genome. It is translated directly from the genomic RNA as a single polyprotein and cleaved by cellular and viral proteases into ten mature
------------------	--

proteins, three structural (C, M, and E) and seven non-structural (NS1, NS2A, NS2B, NS3, NS4A, NS4B, and NS5) proteins.

## Images



4-20% Tris-Glycine gel analysis of 2.5 µg ab190131.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## 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

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors