

Product datasheet

Recombinant Human Hepatitis C virus NS5B protein ab180323

1 Image

Description

Product name	Recombinant Human Hepatitis C virus NS5B protein
Purity	> 90 % SDS-PAGE. Purified by using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	NP_671491
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSPMGF SYDTRCFDST VTESDIRTEE AIYQCCDLDP QARVAIKSLT ERLYVGGPLT NSRGENCYR RCRASGVLTT SCGNTLTCYI KARAACRAAG LQDCTMLVCG DDLVVICESA GVQED
Predicted molecular weight	17 kDa including tags
Amino acids	2634 to 2752
Tags	His-DDDDK tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab180323** in the following tested applications.

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

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.0

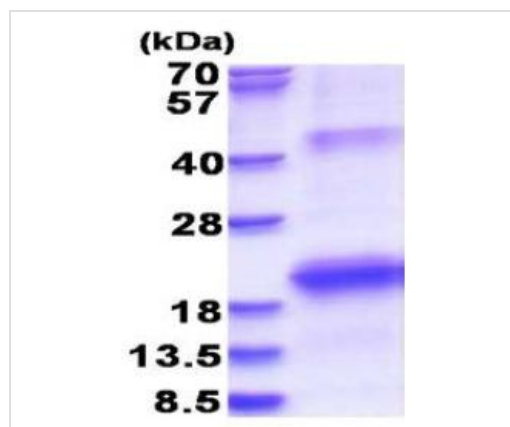
Constituents: 10% Glycerol, 0.02% DTT, 0.88% Sodium chloride, 0.32% Tris HCl

General Info

Relevance

HCV is a positive, single-stranded RNA virus in the *Flaviviridae* family. The genome is approximately 10,000 nucleotides and encodes a single polyprotein of about 3,000 amino acids. The polyprotein is processed by host cell and viral proteases into three major structural proteins, and several non-structural proteins necessary for viral replication, of which NS5B is one. NS5B RNA-dependant RNA polymerase is responsible for replication of the hepatitis C viral genome, and is currently a principal target for chemotherapeutic inhibition of HCV replication. Hepatitis C virus (HCV) can cause chronic hepatitis, cirrhosis and hepatocellular carcinoma. At present there is no vaccine effective against HCV. Host membrane insertion occurs after processing by the NS3 protease.

Images



15% SDS-PAGE analysis of ab180323 (3µg)

SDS-PAGE - Recombinant Human Hepatitis C virus
NS5B protein (ab180323)

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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