

Product datasheet

# Recombinant Human Hepatitis C Virus (mutated D168V) protein ab198068

1 Image

Description

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<b>Product name</b>	Recombinant Human Hepatitis C Virus (mutated D168V) protein	
<b>Purity</b>	>= 53 % SDS-PAGE.	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">NC_004102</a>	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	MDYKDDDDKHHHHHHGCVVMGRVLSGSGSITAYAQQTR GLLGCIITSL TGRDKNQVEGEVQV/STATQTFLATCINGVCWTVYHGAGT RTIASPKGPV IQMYTNVDQDLVGWPAPQGSRSLTPCTCGSSDLYLVTRH ADVIPVRRRGD SRGSLSPRPISYLGSSGGPLLCPAGHAVGLFRAAVCTR GVAKAVVFIP VENLETTMRS	
<b>Predicted molecular weight</b>	22 kDa including tags	
<b>Modifications</b>	mutated N168V	
<b>Tags</b>	His-DDDDK tag N-Terminus	
<b>Additional sequence information</b>	Fusion protein corresponding to the serine protease NS3 (a.a. 3-181) and cofactor NS4A (a.a. 21-32) from Hepatitis C virus genotype 1a with Asp-to-Val mutation on a.a. 168	

Specifications

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Our [Abpromise guarantee](#) covers the use of **ab198068** 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>Form</b>	Liquid

## Preparation and Storage

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### Stability and Storage

Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Preservative: 1.7% Imidazole

Constituents: 0.63% Tris HCl, 0.64% Sodium chloride, 0.02% Potassium chloride, 0.04% Tween, 20% Glycerol (glycerin, glycerine)

## General Info

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### Relevance

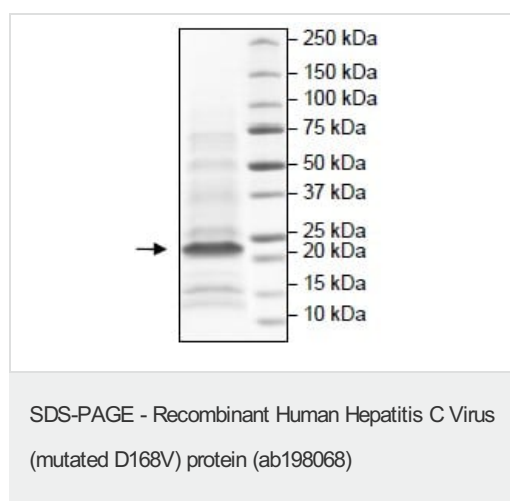
Hepatitis C Virus is a positive, single stranded RNA virus in the Flaviviridae family. The genome is approximately 10,000 nucleotides and encodes a single polyprotein of about 3,000 amino acids. The polyprotein is processed by host cell and viral proteases into three major structural proteins and several non structural proteins necessary for viral replication. Several different genotypes of HCV with slightly different genomic sequences have since been identified that correlate with differences in response to treatment with interferon alpha.

### Cellular localization

Virus surface

## Images

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4-20% SDS-PAGE analysis of 1.6 µg ab198068 with Coomassie blue staining.

**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
- 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
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise,

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