

Product datasheet

Recombinant Hepatitis C Virus NS3 + NS4A (mutated D168V) protein ab198098

2 Images

Description

Product name	Recombinant Hepatitis C Virus NS3 + NS4A (mutated D168V) protein	
Biological activity	Specific Activity: 45 pmole/min/μg.	
	Assay Conditions: Assay was performed in 100 μl HCV assay buffer containing 50 mM Tris, pH7.4, 150 mM NaCl, 5 mM DTT, 10% glycerol, and 5 μM fluorescently labeled HCV substrate peptide. Reaction was continuously monitored at room temperature for 20 min. at ex350/em500.	
Purity	> 90 % SDS-PAGE.	
Expression system	Escherichia coli	
Accession	AF054247	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Sequence	MDYKDDDDKHHHHHHGSSVVMGRILSGSGSITAYSQQTRG VLGCITSL TGRDKNQVEGEVQVVSTATQSFLATCINGVCWTVYHGAG SKTLAGPKGPI TQMYTNVDLVLVGWQAPPGARSMTPCSCGSSDLVLR HADVIPVRRRGD SRGSLSPRPVSYLKGSSGGPLLCPSGHVGVFRAAVCT RGVAKAVVFIP VESMETMRS	
Predicted molecular weight	22 kDa including tags	
Modifications	mutated D168V	
Tags	His-DDDDK tag N-Terminus	
Additional sequence information	Fusion protein of aa21-32 of NS4A, linker (4 aa) and aa3-181 of NS3 with Asp-to-Val mutation on aa168.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab198098** in the following tested applications.

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

Applications

Functional Studies

SDS-PAGE

Form

Liquid

Additional notes

Abcam has not and does not intend to apply for the REACH Authorisation of customers' uses of products that contain European Authorisation list (Annex XIV) substances.

It is the responsibility of our customers to check the necessity of application of REACH Authorisation, and any other relevant authorisations, for their intended uses.

Preparation and Storage

Stability and Storage

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

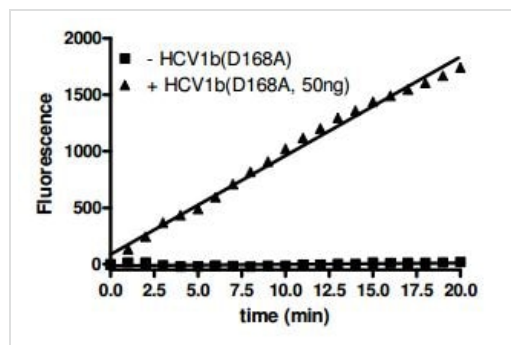
pH: 8.00

Constituents: 0.63% Tris HCl, 2.32% Sodium chloride, 0.2% Triton X-100, 0.08% Beta mercaptoethanol, 30% Glycerol (glycerin, glycerine)

Contains 100 µg/ml DDDDK peptide.

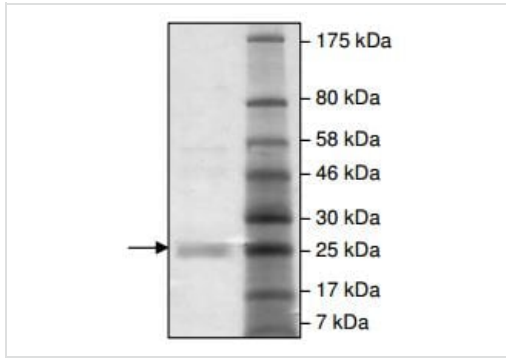
This product is an active protein and may elicit a biological response in vivo, handle with caution.

Images



Activity assay using ab198098.

Functional Studies - Recombinant Hepatitis C Virus
NS3 + NS4A (mutated D168V) protein (ab198098)



4-20% SDS-PAGE analysis of 2 µg ab198098 with Coomassie staining.

SDS-PAGE - Recombinant Hepatitis C Virus NS3 + NS4A (mutated D168V) protein (ab198098)

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
- 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.

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