

# Recombinant Hepatitis C Virus Hepatitis C Virus NS4 protein ab49026

### 描述

产品名称	重组丙型肝炎病毒丙型肝炎病毒NS4蛋白
生物活性	Strongly reacts with human HCV positive serum.
纯度	> 95 % SDS-PAGE. Purity of proteins is evaluated by SDS-PAGE
表达系统	Escherichia coli
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Hepatitis C virus
序列	MNRLI AFASRGNHVS PTHYVPESDA AARVTQI
氨基酸	1916 to 1947

### 技术指标

Our **Abpromise guarantee** covers the use of **ab49026** in the following tested applications.

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

应用	Western blot ELISA Flow Cytometry SDS-PAGE
形式	Liquid
补充说明	Strongly reacts with human HCV positive serum.  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.

### 制备和贮存

## 稳定性和存储

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

pH: 7.2

Constituents: 0.2% Triton-X-100, 9% Urea, 0.395% Tris HCl, 50% Glycerol (glycerin, glycerine)

## 常规信息

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### 相关性

NS4 A/B are two of the seven nonstructural (NS) proteins making up the HCV polyprotein. The NS proteins recruit the viral genome into an RNA replication complex, which is associated with rearranged cytoplasmic membranes. NS4A acts as a cofactor with the NS3 serine protease and stabilizes its folding. The NS3-NS4A complex is essential for the activation of the latter and allows membrane anchorage of NS3. 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. HCV is responsible for a large proportion of worldwide chronic viral hepatitis. Most of these infections develop into chronic hepatitis, which often progresses to liver cirrhosis and hepatocellular carcinoma. At present, (unlike hepatitis A and B), there is no vaccine to prevent hepatitis C infection. The hepatitis C virus (HCV) nonstructural protein 4B (NS4B) is a relatively hydrophobic 27-kDa protein. The 4A protein has a molecular weight of 6 kDa.

### 细胞定位

Endoplasmic reticulum; multi-pass membrane protein.

**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

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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
- 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.cn/abpromise> or contact our technical team.

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