

## Product datasheet

# Recombinant Hepatitis C Virus Core 1b protein ab91301

### 製品の概要

---

製品名	Recombinant Hepatitis C Virus Core 1b protein
タンパク質長	Protein fragment

### 製品の詳細

---

由来	Recombinant
由来	Escherichia coli
アミノ酸配列	
領域	2 to 119
タグ	GST tag N-Terminus

### 特性

---

Our [Abpromise guarantee](#) covers the use of **ab91301** in the following tested applications.

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

生理活性	ab91301 is immunoreactive with sera of Hepatitis C Virus-infected individuals.
アプリケーション	SDS-PAGE Western blot ELISA
精製度	> 95 % SDS-PAGE. ab91301 is purified by proprietary chromatographic techniques. Purity is >95% by SDS-PAGE and RP-HPLC
製品の状態	Liquid

### 前処理および保存

---

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 50% Glycerol, 0.25% Sarkosyl, 60mM Sodium chloride, 50mM Tris HCl, 10mM Glutathione, pH 8.0 This product is an active protein and may elicit a biological response in vivo, handle with caution.
------------	---

## 関連情報

---

### 関連性

HCV (Hepatitis C Virus) viral core protein forms the internal viral coat that encapsidates the genomic RNA and is enveloped in a host cell-derived lipid membrane. The hepatitis C virus (HCV) core protein represents the first 177 amino acids of the viral precursor polyprotein and is cotranslationally inserted into the membrane of the endoplasmic reticulum. The N terminus of the core protein is involved in transcriptional repression. There are over 20 different subtypes of Hepatitis C Virus; HCV type 1b is mostly found in Europe and Asia. The prevalence of HCV type 1b infection has recently decreased, although it still accounts for most HCV-related cirrhosis and hepatocellular carcinoma. High HCV viremia levels and HCV genotype type 1b are independent predictors for poor response to interferon-alpha therapy. HCV core protein is among the most conserved proteins in HCV and is known to induce sensitization of cytotoxic T lymphocytes (CTL). Therefore, it is a prime candidate for a component of a potential HCV vaccine.

### 細胞内局在

Secreted; Host endoplasmic reticulum membrane; Single-pass membrane protein; Host nucleus; Host cytoplasm.

**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 <http://www.abcam.co.jp/abpromise> or contact our technical team.

## Terms and conditions

---

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