

## Product datasheet

# Recombinant Hepatitis C Virus Core 6a protein ab67734

### 概述

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|------|-------------------|
| 产品名称 | 重组丙型肝炎病毒Core 6a蛋白 |
| 蛋白长度 | Protein fragment  |

### 描述

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| 性质 | Recombinant      |
| 来源 | Escherichia coli |

### 氨基酸序列

|     |          |
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| 氨基酸 | 2 to 119 |
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### 技术指标

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Our [Abpromise guarantee](#) covers the use of **ab67734** in the following tested applications.

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

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| 生物活性 | This protein is immunoreactive with sera of Hepatitis C Virus-infected individuals. |
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| 应用 | Western blot |
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ELISA

|    |                  |
|----|------------------|
| 纯度 | > 95 % SDS-PAGE. |
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Hepatitis C Virus Core 6a protein was purified by a proprietary chromatographic technique.

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| 形式 | Liquid |
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### 制备和贮存

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|--------|---|
| 稳定性和存储 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
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pH: 8.00

Constituents: 0.25% Sarkosyl, 0.307% Glutathione, 0.79% Tris HCl, 50% Glycerol, 0.348% Sodium chloride

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

### 常规信息

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## 相关性

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; the preponderance and distribution of HCV genotypes varies globally. HCV genotype 6a is found in a restricted part of South East Asia, including Hong Kong, Macau and Vietnam. HCV Genotype information is important because of the role it plays in predicting HCV medical treatment response and treatment duration. Sustained cure rates (sustained viral response) of 75% or better occur in people with genotypes HCV 2 and 3 in 24 weeks of treatment. Genotypes 1a and 1b, the most prevalent worldwide, have the poorest rates of response to the present treatment regimen, which is a combination of pegylated alfa interferon 2b with ribavirin. 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.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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