

Datasheet for ABIN5853816

**HCV Core Protein Protein (AA 1-120) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	HCV Core Protein (HCV C)
Protein Characteristics:	AA 1-120
Origin:	Hepatitis C Virus (HCV)
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HCV Core Protein protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MSTNPKPQRK TKRNTNRRPQ DVKFPGGGQI VGGVYLLPRR GPRLGVRATR KTSERSQPRG RRQPIPKARR PEGRTWAQPG YPWPLYGNEG CGWAGWLLSP RGSRPSWGPT DPRRRSRNLG
Purity:	> 85 % by SDS - PAGE

## Target Details

Target:	HCV Core Protein (HCV C)
Alternative Name:	HCV-Core ( <a href="#">HCV C Products</a> )
Target Type:	Viral Protein
Background:	HCV-Core protein packages viral RNA to form a viral nucleocapsid, and promotes virion budding. It modulates viral translation initiation by interacting with HCV IRES and 40S

## Target Details

ribosomal subunit and also regulates many host cellular functions such as signaling pathways and apoptosis. HCV-Core prevents the establishment of cellular antiviral state by blocking the interferon-alpha/beta (IFN-alpha/beta) and IFN-gamma signaling pathways and by inducing human STAT1 degradation. Recombinant Hepatitis C virus Core protein, fused to His-tag at N-terminus, was expressed in E.coli.

Molecular Weight: 15.7 kDa (140aa)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Denatured

Restrictions: For Research Use only

## Handling

Format: Liquid

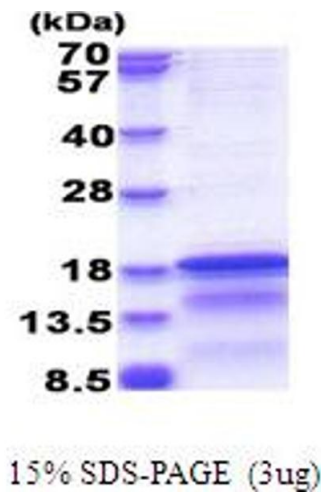
Concentration: 0.5 mg/mL

Buffer: Liquid. In 20 mM Tris-HCl buffer ( pH 8.0) containing 0.4M urea, 10 % glycerol

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

## Images



SDS-PAGE

Image 1.