



[Go to Product page](#)

Datasheet for ABIN935446

HCV NS3 Genotype 1b Protein (full length) (His tag)

Overview

Quantity:	1 mg
Target:	HCV NS3 Genotype 1b (HCV NS3)
Protein Characteristics:	full length
Origin:	Hepatitis C Virus (HCV)
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HCV NS3 Genotype 1b protein is labelled with His tag.
Application:	ELISA, Western Blotting (WB)

Product Details

Characteristics:	Hepatitis C Virus NS3 Genotype-1 b recombinant protein Expression System: E.coli
Purification:	Proprietary chromatographic technique
Purity:	> 95 % pure

Target Details

Target:	HCV NS3 Genotype 1b (HCV NS3)
Alternative Name:	NS3 Genotype-1b (HCV NS3 Products)
Target Type:	Viral Protein
Background:	HCV is a small 50nm, enveloped, single-stranded, positive sense RNAvirus in the family

Target Details

Flaviviridae. HCV has a high rate of replication with approximately one trillion particles produced each day in an infected individual. Due to lack of proofreading by the HCV RNA polymerase, the HCV has an exceptionally high mutation rate, a factor that may help it elude the host's immune response. Hepatitis C virus is classified into six genotypes(1-6) with several subtypes within each genotype. The preponderance and distribution of HCV genotypes varies globally. Genotype is clinically important in determining potential response to interferon-based therapy and the required duration of such therapy. Genotypes 1 and 4 are less responsive to interferon-based treatment than are the other genotypes (2, 3, 5 and 6).

Alternative Names: Hepatitis C NS3 protein, Hepatitis C Virus protein, Hep C protein, Hepatitis C protein, HCV NS3-1b protein

Molecular Weight: 26.2 kDa

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Buffer: 50 mM Na₃PO₄, pH 8.3, with 10 mM DTT.

Precaution of Use: This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C