

Datasheet for ABIN935416

HCV NS3 Genotype 1a Protein (GST tag)[Go to Product page](#)

Overview

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

Product Details

Characteristics:	Purified recombinant Hepatitis C Virus NS3 Genotype 1 a protein Expression System: E.coli
Purity:	> 95 % pure

Target Details

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

Target Details

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 protein, HCV Recombinant protein, HCV protein, HCV NS3 Genotype 1a protein, Hep C protein

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 25 mM Tris-HCl, pH-8, with 1.5 M urea, 0.2 % Triton-X and 52 % glycerol.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C