

Datasheet for ABIN935422

**HCV NS5 Genotype 2a Protein (GST tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	HCV NS5 Genotype 2a (HCV NS5)
Origin:	Hepatitis C Virus (HCV)
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HCV NS5 Genotype 2a protein is labelled with GST tag.
Application:	ELISA, Western Blotting (WB)

## Product Details

Characteristics:	Hepatitis C Virus NS5 Genotype-2 a recombinant protein Expression System: E.coli
Purification:	Proprietary chromatographic technique
Purity:	> 95 % pure

## Target Details

Target:	HCV NS5 Genotype 2a (HCV NS5)
Alternative Name:	Hepatitis C Virus NS5 Genotype 2a
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

## Target Details

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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 protein, HCV protein, HCV Recombinant protein, Hep C protein, HCV NS5 Genotype 2a protein

## Application Details

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

Restrictions: For Research Use only

## Handling

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Buffer: 50 mM Tris, pH 8.0 and 0 mM EDTA.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C