

Datasheet for ABIN2129663

HCV NS4 Genotype 1 Protein (AA 1691-1710, AA 1712-1733, AA 1921-1940) (GST tag)



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Overview

Quantity:	100 µg
Target:	HCV NS4 Genotype 1 (HCV NS4)
Protein Characteristics:	AA 1691-1710, AA 1712-1733, AA 1921-1940
Origin:	Hepatitis C Virus (HCV)
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HCV NS4 Genotype 1 protein is labelled with GST tag.
Application:	ELISA, Western Blotting (WB)

Product Details

Characteristics:	Hepatitis C Virus NS4 Mosaic Genotype-1 recombinant protein Expression System: E.coli
Purification:	Proprietary chromatographic technique
Purity:	> 95 % pure

Target Details

Target:	HCV NS4 Genotype 1 (HCV NS4)
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

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, Hep C protein, HCV Recombinant protein, HCV NS4 Genotype 1 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: 1.5 M urea, with 25 mM Tris-HCl, pH -8, 0.2 % Triton-X and 52 % glycerol.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C