Datasheet for ABIN935445

HCV NS5 Genotype 1a Protein

Go to Product page

Overview

Quantity:	1 mg
Target:	HCV NS5 Genotype 1a (HCV NS5)
Origin:	Hepatitis C Virus (HCV)
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	Western Blotting (WB), ELISA

Product Details

Characteristics:	Hepatitis C Virus NS5 Genotype-1 recombinant protein Expression System: E.coli
Purification:	Proprietary chromatographic technique
Purity:	> 95 % pure

Target Details

Target:	HCV NS5 Genotype 1a (HCV NS5)
Alternative Name:	Hepatitis C Virus NS5 Genotype 1 (HCV NS5 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: HCV protein, Hep C protein, HCV Recombinant protein, HCV NS5 Genotype 1 protein, Hepatitis C protein

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 Tris, pH 8.0 with 5 mM EDTA.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	RT/-20 °C