Datasheet for ABIN6387451

HCV NS5a Protein (AA 2210-2306) (His tag)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	HCV NS5a
Protein Characteristics:	AA 2210-2306
Origin:	Hepatitis C Virus (HCV)
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HCV NS5a protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSGLVPRGSH MSLKATCTAN HDSPDAELIE ANLLWRQEMG GNITRVESEN KVVILDSFDP LVAEEDEREV SVPAEILRKS RRFARALPVW ARPDYNPPLV ETWKKPDY
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	HCV NS5a
Alternative Name:	HCV-NS5a (HCV NS5a Products)
Target Type:	Viral Protein
Background:	NS5A is a component of the replication complex involved in RNA-binding. Its interaction with Human VAPB may target the viral replication complex to vesicles. This protein down-regulates viral IRES translation initiation and mediates interferon resistance, presumably by interacting

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Target Details

	with and inhibiting human EIF2AK2/PKR. NS5a seems to inhibit apoptosis by interacting with BIN1 and FKBP8. The hyperphosphorylated form of NS5A is an inhibitor of viral replication. Recombinant HCV(Hepatitis C Virus) NS5A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Molecular Weight:	13.4 kDa (118aa) confirmed by MALDI-TOF
NCBI Accession:	NP_671491

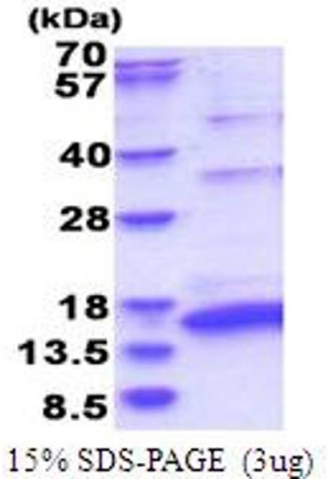
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40 % glycerol, 1 mM DTT
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Images



SDS-PAGE

Image 1.