Hepatitis C Virus NS5 Recombinant Protein | HCV recombinant protein

Recombinant Hepatitis C Virus NS5

CATALOG #	APPLICATIONS
AAA38312	**Western Blot, ELISA**

PRODUCT SYNONYMS

Hepatitis C Virus NS5; Recombinant Hepatitis C Virus NS5; HCV NS5; Hepatitis C Virus NS5 Recombinant; HCV recombinant protein

PRODUCT SPECIFICATIONS

Specificity	Immunoreactive with sera of HCV-infected individuals.
Purity/Purification	HCV-NS5 protein is >95% pure as determined by 10% PAGE (coomassie staining). HCV-NS5 protein was purified by proprietary chromatographic technique.
Form/Format	1.5M Urea, 25mM Tris-HCl pH 8, 50% glycerol and 0.2% Triton-X.
Concentration	1.0 mg/ml (varies by lot)
Applicable Applications for HCV recombinant protein	WB (Western Blot), ELISA

ADDITIONAL INFORMATION

Related Product Information for HCV recombinant protein	**Description:** The E Coli derived recombinant protein contains the HCV NS5a immunodominant regions, amino acids 2061-2302. The protein is fused with GST at N-terminus. **Introduction:** 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 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).
Product Categories/Family for HCV recombinant protein	Viral Antigens; HEPATITIS C VIRUS; Viral Antigens; Hepatitis C

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/hepatitis-c-virus-ns5-recombinant-protein-wb-western-blot-elisa/38312