

Hepatitis C Virus NS3 Recombinant Protein

Hepatitis C Virus NS3 protein

CATALOG # AAA75430	HOST Viral	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

Hepatitis C Virus NS3; Hepatitis C Virus NS3 protein; HCV NS3 protein; HCV protein; Hep C protein; Hepatitis C protein; HCV Recombinant protein; HCV NS3 Genotype-1a protein; HCV NS3 Genotype 1a protein; Hepatitis C Virus NS3 recombinant protein

PRODUCT SPECIFICATIONS

Host	Viral
Purity/Purification	> 90% pure Hepatitis C Virus NS3 protein was purified by a proprietary chromatographic technique.
Form/Format	20mM Tris-HCl, pH 8.0, with 20 mM beta mercaptoethanol.
Concentration	1.0 mg/ml (varies by lot)
Applicable Applications for Hepatitis C Virus NS3 recombinant protein	WB (Western Blot), ELISA
Protein Type	Recombinant
Biological Significance	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).
Expression System	E Coli
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for Hepatitis C Virus NS3 recombinant protein	Purified recombinant Hepatitis C Virus NS3 protein
Product Categories/Family for Hepatitis C Virus NS3 recombinant protein	Infectious Disease

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-ns3-recombinant-protein-viral-wb-western-blot-elisa/75430>