

Hepatitis C Virus Combined Recombinant Protein | HCV recombinant protein

Recombinant Hepatitis C Virus Combined

CATALOG # AAA38304	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Specificity	Immunoreactive with sera of HCV-infected individuals.
Purity/Purification	HCV protein is >95% pure as determined by 10% PAGE (coomassie staining). HCV protein was purified by proprietary chromatographic technique.
Form/Format	(1mg/1mL) 50mM Na-PO ₄ , pH-8.5, 2.4mM EDTA, 5mM DTT and 0.1% SDS.
Sequence Length	3033
Applicable Applications for HCV recombinant protein	WB (Western Blot), ELISA
Preparation and Storage	HCV Combined although stable at 4C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for HCV recombinant protein	Description: The E Coli derived 70 kDa recombinant protein contains sequences from 4 gene products (proteins) of the hepatitis C virus (HCV) were scanned by using 3 different PCR-based techniques in search of the most immunoreactive regions suitable for the development of a test for the detection of anti-HCV in human sera. All PCR fragments were cloned with pGEX4-2T expression vector and expressed in E Coli as chimeric proteins with glutathione S-transferase. The most relevant proteins identified in this study were then constructed into one recombinant antigen. The protein contains the HCV nucleocapsid, NS3 genotype 1b, NS4 genotype 1b and 1a, and NS5 genotype 1b and 1a immunodominant regions.
Product Categories/Family for HCV recombinant protein	Viral Antigens ; HEPATITIS C VIRUS ; Viral Antigens ; Hepatitis C

NCBI AND UNIPROT INFORMATION

NCBI GI #	295901482
NCBI Official Full Name	hepatitis C virus polyprotein
UniProt Protein Name	Genome polyprotein
UniProt Gene Name	HCV
UniProt Entry Name	D5MTP0_9HEPC

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/hcv-recombinant-protein-wb-western-blot-elisa/38304>