

Hepatitis C Virus NS4 a+b Recombinant Protein | HCV recombinant protein

Recombinant Hepatitis C Virus NS4 a+b

CATALOG #
AAA38319

APPLICATIONS
Western Blot, ELISA

PRODUCT SYNONYMS

Hepatitis C Virus NS4 a+b; Recombinant Hepatitis C Virus NS4 a+b; HCV NS4 a+b; Hepatitis C Virus NS4 a+b Recombinant; HCV recombinant protein

PRODUCT SPECIFICATIONS

Specificity	Immunoreactive with sera of HCV-infected individuals.
Purity/Purification	Purity: Protein is >95% pure as determined by 10% PAGE (coomassie staining) Purification: Purified by proprietary chromatographic technique.
Form/Format	20mM Tris-Hcl pH 8, 8M urea.
Concentration	1mg/ml (varies by lot)
Sequence	1658TWVLVG GVLAALAAYC LSTGCVVVG RVVLSGKPAI IPDREVLRYE FDEMEECSEQH LPYIEQGMML AEQFKQKALG LLQTASRQAE VIAPAVQTNW QKLETFWAKH MWNFISGIQY LAGLSTLPGN PAIASLMAFT AAVTSPLTTS QTLLENILGG WVAAQLAAPG AATAFVGAGL AGAAIGSVGL GKVLDILAG YGAGVAGAL1 863
Applicable Applications for HCV recombinant protein	WB (Western Blot), ELISA
Preparation and Storage	HCV NS4 a+b although stable at 4 degree C for 1 week, should be stored below -18 degree C. Please prevent freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for HCV recombinant protein	Description: The E Coli derived 19 kDa recombinant protein contains the HCV NS4 immunodominant regions, amino acids 1658-1863. The protein is fused with b-galactosidase (114 kDa) at N-terminus, pI 5.45. 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-ns4-a-b-recombinant-protein-wb-western-blot-elisa/38319>