

Product datasheet for **BIN153**

HCV NS3 (c33c (Genotype 2b, 1192-1459)) Protein

Product data:

Product Type:	Recombinant Proteins
Description:	HCV NS3 c33c (Genotype 2b, 1192-1459) recombinant protein, 1 mg
Expression Host:	E. coli
Concentration:	lot specific
Purity:	GS-4B Sepharose affinity chromatography.
Buffer:	Presentation State: Purified State: Liquid purified fraction (>95% pure by 10% PAGE coomassie staining). Buffer System: 25 mM Tris-HCl, 1 mM EDTA, 1.5 M Urea containing 50% glycerol. It contains no preservatives.
Preparation:	Liquid purified fraction (>95% pure by 10% PAGE coomassie staining).
Applications:	Suitable for use in ELISA and Western blots.
Protein Description:	Hepatitis C Virus (HCV) NS3 c33c (amino acids 1192-1459), Subtype 2b, Recombinant. Contains full-length HCV NS3 (c33c) immunodominant region. Not full-length NS3. Contains GST fusion partner. Immunoreactive with HCV positive sera including sera with antibodies to NS3 secondary structure domains.
Storage:	Store the antigen at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid multiple freeze/thaw cycles.
Stability:	Shelf life: six months from despatch.
Synonyms:	Hepatitis C Virus Serine protease NS3
Summary:	Hepatitis C Virus is a positive, single stranded RNA virus in the Flaviviridae family. The genome is approximately 10,000 nucleotides and encodes a single polyprotein of about 3,000 amino acids. The polyprotein is processed by host cell and viral proteases into three major structural proteins and several non structural proteins necessary for viral replication. Several different genotypes of HCV with slightly different genomic sequences have since been identified that correlate with differences in response to treatment with interferon alpha.
Protein Families:	Suitable for use in ELISA and Western blots.



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