

Product datasheet for **BIN158**

HCV NS5 (Genotype 1, 2212-2313) Protein

Product data:

Product Type:	Recombinant Proteins
Description:	HCV NS5 (Genotype 1, 2212-2313) recombinant protein, 1 mg
Expression Host:	E. coli
Concentration:	lot specific
Purity:	Ceramic Hydroxyapatite and GS-4B Sepharose Affinity chromatography.
Buffer:	Presentation State: Purified State: Liquid purified fraction (>95% pure by 10% PAGE coomassie staining). Buffer System: 50 mM Tris-HCl, 5 mM EDTA, pH 8.0 without 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) NS5, amino acids 2212-2313, genotype 1, Recombinant. Contains the HCV NS5 immunodominant region. Contains GST fusion partner. Immunoreactive with HCV positive sera.
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 NS5
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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