

Product datasheet for **BIN151**

HCV NS3 (c33c (Genotype 1a, 1192-1459)) Protein

Product data:

Product Type:	Recombinant Proteins
Description:	HCV NS3 c33c (Genotype 1a, 1192-1459) recombinant protein, 1 mg
Expression Host:	E. coli
Predicted MW:	26 kDa
Concentration:	lot specific
Purity:	>95% pure by 10% PAGE. S-Sepharose, Ceramic Hydroxyapatite and Affinity Chromatography.
Buffer:	Presentation State: Purified State: Liquid purified fraction Buffer System: 50 mM Sodium Phosphate, pH 8.3 containing 8 mM DTT without preservatives
Preparation:	Liquid purified fraction
Applications:	Suitable for use in ELISA and Western blot.
Protein Description:	Recombinant Hepatitis C Virus (HCV) NS-3 c33c, (amino acids 1192-1459) Subtype 1a Contains full-length HCV c33c immunodominant region. Not full-length NS3. Contains 6 histidine fusion sequence. Immunoreactive with HCV positive sera including sera with antibodies to NS3 secondary structure domains.
Storage:	Store the antigen (in aliquots) at -20°C. 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 blot.



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