

Product datasheet for **BIN165**

HCV NS5 (Genotype 1a, 2322-2423) Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | HCV NS5 (Genotype 1a, 2322-2423) recombinant protein, 1 mg |
| Expression Host: | E. coli |
| Concentration: | lot specific |
| Purity: | S-Sepharose, Ceramic Hydroxyapatite and affinity chromatography. |
| Buffer: | Presentation State: Purified State: Liquid purified fraction (>95% pure by 10% PAGE coomassie staining). Buffer System: 50 mM Tris, pH 8.0 containing 5 mM EDTA. No preservatives are added. |
| Preparation: | Liquid purified fraction (>95% pure by 10% PAGE coomassie staining). |
| Applications: | Suitable for use in ELISA and Western blot. |
| Protein Description: | Hepatitis C Virus (HCV), NS5, (amino acids 2322-2423), genotype 1a, Recombinant. Contains the HCV NS5 Immunodominant region (a.a. 2322-2423) with 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. |
| 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. |



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