

# Recombinant Hepatitis C Virus Nucleocapsid/NS3/NS4/NS5 Protein, GST-tagged

**Cat. No.** HCVNSAg-341H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Hepatitis C Virus Nucleocapsid/NS3/NS4/NS5 Antigen Protein is produced by E. coli expression system. Contains the HCV nucleocapsid, NS3, NS4 and NS5 immunodominant regions. Contains GST fusion partner. Immunoreactive with HCV positive sera.                                              |
| <b>Species</b>          | HCV                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | Hepatitis C virus (HCV) is an infectious disease that primarily affects the liver. It is the most serious type of hepatitis virus and can lead to cirrhosis and liver failure or cancer. It is estimated that 150–200 million people, or about 3% of the world's population, are living with chronic HCV. |
| <b>Form</b>             | 50 mM Sodium Phosphate, pH 8.5 containing 2.4 mM Ethylenediaminetetraacetic Acid (EDTA), 5 mM Dithiothreitol (DTT), 0.1% Sodium dodecyl sulfate (SDS)                                                                                                                                                     |
| <b>Molecular Mass</b>   | 70.8 kDa                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>           | > 95% pure (10% PAGE Coomassie Staining). S-Sepharose and Ceramic Hydroxyapatite and Affinity Purification                                                                                                                                                                                                |
| <b>Applications</b>     | Suitable for use in ELISA and Western Blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not                                                                                                                                  |

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been tested but use in such assays should not necessarily be excluded.

**Storage**

Store below -20 centigrade. Avoid multiple freeze/thaw cycles.

**Concentration**

1 mg/mL

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