

# Recombinant HCV Core protein

**Cat. No.** HCV-02    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant HCV core nucleocapsid genotype 1b, immunodominant regions, amino acids 2-192, fused with b-galactosidase (114 kDa) at N-terminal was expressed in E. coli.                                              |
| <b>Species</b>          | HCV                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 2-192 a.a.                                                                                                                                                                                                          |
| <b>Form</b>             | 20mM Tris HCl pH-8, 8M urea and 10mM b-mercaptoethanol.                                                                                                                                                             |
| <b>Molecular Mass</b>   | 22kDa                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | mstnkpqrk tkrntnrrpq dvkfpgvgqi vggvylpr gprlgvratr ktsersqprg rrqpipkarr<br>pegrtwaqpg ywpplygneg cgwagwllsp rgsrpswgpt dprrrsrnlg kvidtltcgf adlmgyiplv<br>gaplggaara lahgvrvled gynyatgnlp gcsfsiflla llscitvpa. |
| <b>Purity</b>           | HCV-Core Protein is >95% pure as determined by 10% PAGE (coomassie staining).                                                                                                                                       |
| <b>Usage</b>            | Immunoreactive with sera of HCV-infected individuals.                                                                                                                                                               |
| <b>Storage</b>          | HCV-Core although stable at 4 centigrade for 1 week, should be stored below -18 centigrade.<br>Please prevent freeze thaw cycles.                                                                                   |

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