

## Hepatitis C Virus NS4 a+b Recombinant

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| <b>Item Number</b>                       | rAP-5309   |
| <b>Synonyms</b>                          |  |
| <b>Description</b>                       | The E.coli derived 19 kDa recombinant protein contains the HCV NS4 immunodominant regions, amino acids 1658-1863. The protein is fused with b-galactosidase (114 kDa) at N-terminus, pI 5.45.  |
| <b>Uniprot Accession Number</b>          |  |
| <b>Amino Acid Sequence</b>               | 1658 TWVLVGGVLAALAAAYCLSTGCVVIVGRVVLSGKPAIIPDREVLVREF-<br>DEMEECSQHLPYIEQGMMLAEQFKQKALGLLQTASRQAEVIAPAVQTNWQKLETFWAKHMWNFISGIQYL<br>AGLSTLPGNPAIASLMAFTAAVTSPLETSQTLLFNILGGWVAAQLAAPGAATAFVGAGLAGAAIGSVGLGKV<br>LIDILAGYGAGVAGAL 1863. |
| <b>Source</b>                            |  |
| <b>Physical Appearance and Stability</b> | HCV NS4 a+b although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.  |
| <b>Formulation and Purity</b>            | 20mM Tris-HCl pH 8, 8M urea. HCV NS4 a+b protein is >95% pure as determined by 10% PAGE (coomassie staining).  |
| <b>Application</b>                       | HCV NS4 a+b antigen is suitable for ELISA and Western blots, excellent antigen for detection of HCV with minimal specificity problems.   |
| <b>Solubility</b>                        |  |
| <b>Biological Activity</b>               |  |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.  |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**