

**AR00072PU-N****HCV NS4 - Purified**

<b>Alternate names:</b>	Hepatitis C Virus, NS4B, Non-structural protein NS4A
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	1,0 mg/ml
<b>Background:</b>	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.
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >95% pure (10% PAGE coomassie staining). S-Sepharose and Ceramic Hydroxyapatite and Affinity purification <b>Buffer System:</b> 8M urea, 20mM TRIS, pH 9.0 containing 10mM DDT, 1mM EDTA and 0.5% Tween-20
<b>Applications:</b>	ELISA. Western Blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Description:</b>	Recombinant Hepatitis C Virus (HCV) NS-4 Antigen. An artificial mosaic polypeptide composite constructed from fragments of the NS-4 immunodominant region of 11 different HCV genotypes. Contains GST fusion partner. Immunoreactive with HCV positive sera. <b>Molecular weight:</b> 66kDa
<b>Storage:</b>	Store the protein at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.