

## Product datasheet for **AR00072PU-N**

### HCV NS4 Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	HCV NS4 recombinant protein, 1 mg
Species:	Human
Expression Host:	E. coli
Concentration:	lot specific
Purity:	>95% pure (10% PAGE coomassie staining). S-Sepharose and Ceramic Hydroxyapatite and Affinity purification
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 8M urea, 20 mM TRIS, pH 9.0 containing 10 mM DDT, 1 mM EDTA and 0.5% Tween-20
Preparation:	Liquid purified protein
Applications:	ELISA. Western Blot.
Protein Description:	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.
Storage:	Store the protein at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Synonyms:	Hepatitis C Virus, NS4B, Non-structural protein NS4A
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.
Protein Families:	ELISA. Western Blot.



[View online >](#)