

Product datasheet for **AR09419PU-L**

HCV NS3 (1225-1456, His-tag) viral Protein

Product data:

Product Type:	Recombinant Proteins
Description:	HCV NS3 (1225-1456, His-tag) viral recombinant protein, 0.5 mg
Species:	viral
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MRGSHHHHHH</u> GMASMTGGQO MGRDLYDDDD KDRWGSVAHL HAPTGS GKST KVPAAYAAQG YKVLV LNPSV AATLGF GAYM SKAHGVDPNI RTGVRTITTG SPITYSTY GK FLADGGCSGG AYDIICDEC HSTDATSILG IGTVLDQAET AGARLVLAT ATPPGSVTVS HPNIEEVALS TTGEIPFY GK AIPLEVIKGG RHLIFCHSKK KCDELA AKLV ALGINAVAYY RGLDVSVIPT SGDVVVVSTD ALMTGFTGDF DSVIDCNT
Tag:	His-tag
Predicted MW:	27.9 kDa
Concentration:	lot specific
Purity:	>95% by SDS – PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant HCV NS3 protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Summary:	HCV is a positive, single-stranded RNA virus in the Flaviviridae family. The polyprotein is processed by host cell and viral proteases into three major structural proteins including NS3, and several non-structural proteins necessary for viral replication. Nonstructural (NS) proteins of HCV play major roles in viral replication and the pathogenesis of liver diseases. The NS3 protein of hepatitis C virus (HCV) contains protease and RNA helicase activities, both of which are likely to be essential for HCV propagation.



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Product images:

