

Product datasheet for AR09419PU-N

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

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

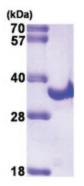
Product Type:	Recombinant Proteins
Description:	HCV NS3 (1225-1456, His-tag) viral recombinant protein, 0.1 mg
Species:	viral
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGS</u> VAHL HAPTGSGKST KVPAAYAAQG YKVLVLNPSV AATLGFGAYM SKAHGVDPNI RTGVRTITTG SPITYSTYGK FLADGGCSGG AYDIIICDEC HSTDATSILG IGTVLDQAET AGARLVVLAT ATPPGSVTVS HPNIEEVALS TTGEIPFYGK AIPLEVIKGG RHLIFCHSKK KCDELAAKLV 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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