



Recombinant HCV NS3 Protein (aa 1450-1643)(VAng-0510Lsx)

PRODUCT INFORMATION

Product Overview

Hepatitis C Virus (HCV-NS3) Antigen, recombinant protein from *E. coli*, 22 kDa with Beta-galactosidase (114 kDa) fused at the N-terminus. 1.00 mg/mL.

SPECIFICATIONS

Source	<i>E. coli</i> .
Target	Hepatitis C Virus
Type	Viral Antigens
Applications	ELISA, WB, SDS-PAGE, Immunogen, etc.
Formulation	8 M Urea, 20 mM Tris-HCl pH 8.0, 10 mM Beta-Mercaptoethanol.
Purity	> 95% pure by SDS-PAGE.
Storage	Store at 2°C to 8°C short term, -20°C long term.

ANTIGEN INFORMATION

Introduction

Hepatitis C virus (HCV) is a member of the *Flaviviridae* family, genus hepacivirus. HCV is a small (55-65 nm in size), enveloped, positive-sense single-stranded RNA virus. E1 and E2 are two type 1 transmembrane glycoproteins that are essential components of the envelope. They can assemble as non-covalent heterodimers and are necessary for viral entry and fusion. Hepatitis C virus is the cause of hepatitis C and some cancers such as liver cancer (hepatocellular carcinoma, abbreviated HCC) and lymphomas in humans.

Alternative Names	Hepatitis C Virus; NS3
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