



Recombinant HCV Core Antigen (aa 2-192)(VAng-0512Lsx)

PRODUCT INFORMATION

Product Overview

Hepatitis C Virus Core Antigen, 22 kDa with Beta-galactosidase (114 kDa) fused at the N-terminus, recombinant protein from *E. coli*. 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, -80°C long term. Avoid repeated freeze.

ANTIGEN INFORMATION

Introduction	Hepatitis C virus (HCV) is a member of the <i>Flaviviridae</i> 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	Core protein; HCCAg; HCV core antigen; HCV core protein; Hepatitis C Virus core protein