



# Recombinant HCV type 2b Active Core Antigen (aa 2-119) (DAG-P2941)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Active hepatitis c virus Hepatitis C Virus Core 2b protein fragment
<b>Antigen Description</b>	HCV core protein is among the most conserved proteins in HCV and is known to induce sensitization of cytotoxic T lymphocytes (CTL). Therefore, it is a prime candidate for a component of a potential HCV vaccine.
<b>Species</b>	HCV
<b>Purity</b>	> 95 % by SDS-PAGE. This antigen is purified by proprietary chromatographic techniques. Purity is >95% by SDS-PAGE and RP-HPLC.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	SDS-PAGE WB ELISA
<b>Bio-activity</b>	Active hepatitis c virus Hepatitis C Virus Core 2b protein fragment is immunoreactive with sera of HCV-infected individuals.
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	Preservative: None Constituents: 50mM Tris HCl, 5mM EDTA, pH 8.0
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

## BACKGROUND

<b>Introduction</b>	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 protease
<b>Keywords</b>	HCV 2b; HCV Core 2b; HCV Core Genotype 2b; HCV2b; Hepatitis C Virus Core genotype 2b; HCV Core 2b