



# Recombinant HCV type 6a Core Antigen (a.a.1-191) [His] (DAG1995)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	C-terminal 6xHis tagged HCV core protein (Genotype-6a) (a.a.1-191)
<b>Species</b>	HCV
<b>Purity</b>	> 95%, based on SDS PAGE
<b>Conjugate</b>	His
<b>Applications</b>	WB standard, antibody ELISA, immunogen, etc.
<b>Format</b>	Each vial contains 100 µg of lyophilized protein in 50mM Tris-HCl, pH-8, 60mM NaCl, 10mM glutathione, 0.25% sarkosil 50% glycerol.
<b>Concentration</b>	N/A
<b>Size</b>	100 µg, 0.5 mg
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

## 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 proteases into three major structural proteins and several non structural proteins necessary for viral replication. Several different genotypes of HCV with slightly different genomic sequences have since been identified that correlate with differences in response to treatment with interferon alpha.
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**Keywords**

HCcAg; Core protein p19; HCV core antigen; HCV core protein; Hepatitis C Virus core protein;  
HCV-1 Core Ag; Hepatitis C Virus Core Antigen, genotype 6a; Flaviviridae; Hepacivirus

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