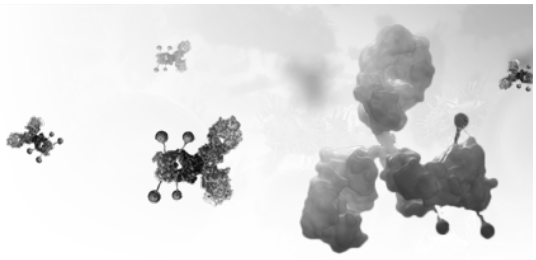

Recombinant HCV type 5 Core Antigen (a.a. 2-119) (DAG1994)

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

PRODUCT INFORMATION

Product Overview	The E.coli derived recombinant protein contains the HCV core nucleocapsid immunodominant regions, amino acids 2-119.
Species	HCV
Purity	> 95%, based on SDS PAGE
Conjugate	Unconjugated
Applications	WB standard, antibody ELISA, immunogen, etc.
Format	Each vial contains 100 µg of lyophilized protein in 50mM Tris-HCl, pH 8.0, 60mM NaCl, 10mM glutathione, 0.25% sarkosil 50% glycerol.
Concentration	N/A
Size	100 µg, 0.5 mg
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	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

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	correlate with differences in response to treatment with interferon alpha.
Keywords	HCcAg; Core protein p19; HCV core antigen; HCV core protein; Hepatitis C Virus core protein; HCV-1 Core Ag; Hepatitis C Virus Core Antige, genotype 6a; Flaviviridae; Hepacivirus

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