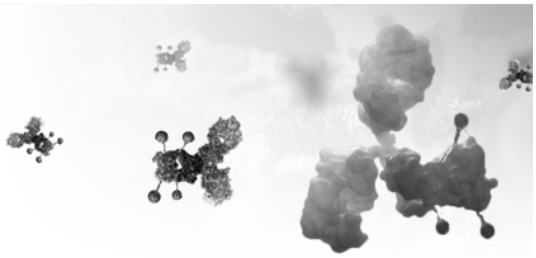

Recombinant HCV type 2b Core Antigen (a.a. 2-119) [GST] (DAG1989)

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. The protein is fused to a GST tag at N-Terminus.
Species	HCV
Purity	> 95%, based on SDS PAGE
Conjugate	GST
Applications	WB standard, antibody ELISA, immunogen, etc.
Format	Liquid
Concentration	N/A
Size	100 µg, 0.5 mg, 1 mg
Buffer	25mM Tris-HCl, pH 8.0, 1.5M Urea, 0.2%Triton-X and 50% glycerol
Preservative	None
Storage	Stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

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

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	genotypes of HCV with slightly different genomic sequences have since been identified that 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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