



Recombinant HCV type 2a Core Antigen (a.a. 2-191) [GST] (DAG1988)

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

PRODUCT INFORMATION

Product Overview	N-terminal GST fusion protein of HCV core protein (Genotype-2a) (a.a. 1-191) (Genebank Accession No. BAM14498).
Species	HCV
Purity	>95% , based on SDS PAGE
Conjugate	GST
Applications	WB, ELISA, immunogen
Molecular Weight	~50 KDa
Reconstitution	Reconstitute the protein with 100 µl of Millipore water.
Format	Lyophilised
Size	100 µg
Buffer	PBS with 8M Urea
Preservative	None
Storage	Before reconstitution, stable for 1 year at -20°C from the date of shipment. After reconstitution, stable for a month at 4°C. Nonhazardous. No MSDS required.

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
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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.

Keywords

HCV; HCV Core Nucleocapsid; HCV Nucleocapsid
