



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

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
