



Recombinant Active HCV Nonstructural Protein 5 (DAG-P2803)

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

PRODUCT INFORMATION

Product Overview	Active hepatitis c virus Hepatitis C Virus NS5 full length protein
Antigen Description	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. NS5 (non structural protein 5) may play a role in the viral RNA replication of the Hepatitis C Virus.
Species	HCV
Purity	> 95 % by SDS-PAGE. This antigen was purified by proprietary chromatographic techniques.
Conjugate	Unconjugated
Applications	WB ELISA
Bio-activity	This protein is immunoreactive with sera of HCV-infected individuals.
Format	Liquid
Size	1 mg
Buffer	Preservative: None Constituents: 50mM Tris, 5mM EDTA, pH 8
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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 50mM Tris, 5mM EDTA, pH 8 This product is an active protein and may elicit a biological response in vivo, handle with

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 protease
Keywords	HCV NS5