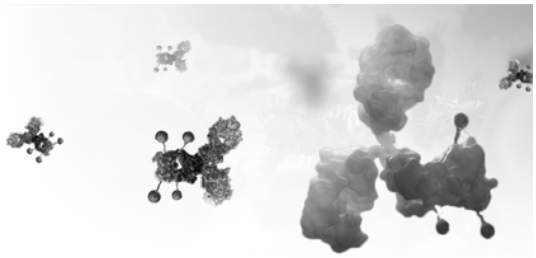

Recombinant HCV Nonstructural Protein 4A, B (a.a. 1658-1863) [Beta-galactosidase] (DAG572)

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

PRODUCT INFORMATION

Product Overview	HCV NS4 antigen (recombinant) NS4a+b a.a 1658 to a.a 1863 of HCV polyprotein. 19kDa with Betagalactosidase (114kDa) fused at N-terminus. Immunoreactive with HCV positive serum.
Species	HCV
Purity	> 95% Pure (SDS-PAGE)
Conjugate	Beta-galactosidase
Applications	Suitable in ELISA and Western Blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Molecular Weight	133 kDa
Format	Liquid
Concentration	1 mg/ml
Size	0.5 mg
Buffer	20 mM Tris-HCl, pH 8.0, 2 mM beta-Mercaptoethanol.
Preservative	None
Storage	Store at 2-8°C. DO NOT FREEZE.

BACKGROUND

Introduction	Hepatitis C Virus is a positive, single stranded RNA virus in the Flaviviridae family. The genome

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	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 NS4; HCV; HCV Nonstructural Protein 4A, B; HCV NS4a; HCV NS4b

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