



Recombinant HCV type 1 Nonstructural Protein 4 Mosaic (a.a. 1691-1710, 1712-1733, 1921-1940) [GST] (DAG3500)

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

PRODUCT INFORMATION

Product Overview	Recombinant Hepatitis C Virus NS4 Mosaic Genotype-1(a.a. 1691-1710, 1712-1733, 1921-1940), GST-tagged
Specificity	Immunoreactive with sera of HCV-infected individuals.
Species	HCV
Purity	Protein is > 95% pure as determined by 10% PAGE (coomassie staining).
Conjugate	GST
Applications	Antigen in ELISA and Western blots, excellent antigen for detection of HCV with minimal specificity problems.
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	HCV is a positive, single-stranded RNAvirus in the Flaviviridae family. The genome is approximately 10, 000nucleotides and encodes a single polyprotein of about 3, 000 amino acids.HCV is responsible for a large proportion of worldwide chronic viral hepatitides.Most of these infections develop into chronic hepatitis, which oftenprogresses to liver cirrhosis and hepatocellular carcinoma. At present, (unlike hepatitis A and B), there is no vaccine to prevent hepatitis C infection.The hepatitis C virus (HCV) nonstructural protein 4B (NS4B) is a relatively hydrophobic 27-kDa protein. The 4A protein has a molecular weight of 6 kDa.
---------------------	---

Keywords

HCV; HCV NS4; Hepatitis C Virus nonstructural antigen 4; Non structural protein 4A; Non structural protein 4B; NS4A; NS4B; Flaviviridae; Hepacivirus; Hepatitis C virus; p27; p8; Hepatitis C Virus NS4; HCV NS4 Genotype 5; Hepatitis C Virus NS4 Genotype 5
