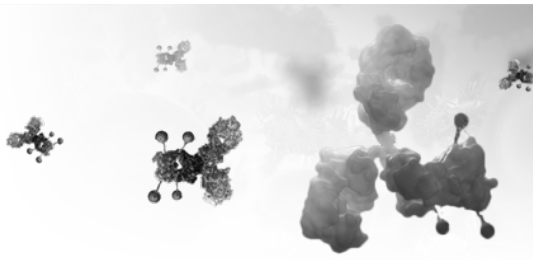

Recombinant HCV NS4 Mosaic protein (a.a. 789-1867, 2322-2423) (DAG2722)

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

PRODUCT INFORMATION

Product Overview	The E. Coli derived 66kDa recombinant HCV NS4 Mosaic protein is an artificial mosaic polypeptidecomposite constructed from diagnostically relevant antigenic regions derived from the NS4 region ofdifferent HCV genotypes.
Species	HCV
Purity	Purified by proprietary chromatographic technique. Protein is > 95% pure as determined by 10% PAGE (coomassie staining).
Conjugate	Unconjugated
Applications	Antigen in ELISA and Western blots, excellent antigen for detection of HCV with minimal specificityproblems.
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.HCVis 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 Cinfection.The hepatitis C virus (HCV) nonstructural protein 4B (NS4B) is arelatively 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

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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

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