



# Recombinant HCV type 3 Mosaic Nonstructural Protein 4 [GST] (DAG3324)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Recombinant HCV NS4 Mosaic Genotype-3
<b>Antigen Description</b>	Hepatitis C Virus (HCV) is a small 50 nm, enveloped, single-stranded, positive sense RNA virus in the family Flaviviridae. HCV has a high rate of replication with approximately one trillion particles produced each day in an infected individual. Due to lac
<b>Specificity</b>	The recombinant protein contains the NS4 immunodominant regions consisting of amino acids 1691-1710, 1712-1733, and 1921-1940. The protein is expressed in E. coli with a GST-tag at the N-terminus, and purified using proprietary chromatographic techniques.
<b>Species</b>	HCV
<b>Conjugate</b>	GST
<b>Applications</b>	ELISA and western blots
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

## BACKGROUND

<b>Introduction</b>	Hepatitis C is a contagious liver disease that results from infection with the hepatitis C virus. It can range in severity from a mild illness lasting a few weeks to a serious, lifelong illness. The hepatitis C virus is usually spread when blood from an infected person enters the body of a susceptible person. It is among the most common viruses that infect the liver.
<b>Keywords</b>	Hepatitis C Virus; HCV; Hep C; Hepatitis C Virus Core; Hepatitis C Virus (Core); Hepatitis C;