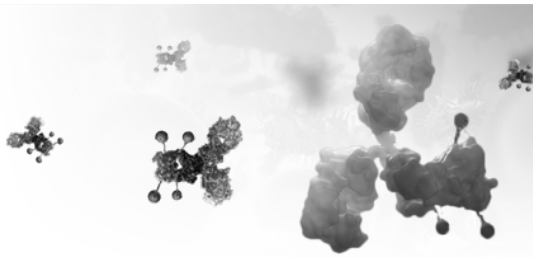

Recombinant HCV Active Core, NS3, NS4 (aa 1-641) (mutation T54 A) (DAG-P2188)

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 Core NS3 + NS4 (mutated T54 A) protein fragment
Antigen Description	Hepatitis C virus (HCV) core protein is thought to contribute to HCV pathogenesis through its interaction with various signal transduction pathways. In addition, HCV core antigen is a recently developed marker of hepatitis C infection. The HCV core protein has been previously shown to circulate in the bloodstream of HCV-infected patients and inhibit host immunity through an interaction with gC1qR. The NS3 serine proteinase (NS3P) is a non-structural hepatitis C protein responsible for proteolytic processing of other non-structural proteins; because of this, it is also the most extensively studied protein of the Hepatitis C genome.
Species	HCV
Conjugate	Unconjugated
Applications	FuncS
Bio-activity	1 unit of protease hydrolyzes 1 picomole of Ac-Asp-Glu-Dap(QXL?520)-Glu- Glu-Abu-COO-Ala -Ser-Cys(5-FAMsp)-NH2 per minute at pH 7.5 at 25° C. Active hepatitis c virus Hepatitis C Virus Core NS3 + NS4 (mutated T54 A) protein fragment is in the active form
Format	Liquid
Preservative	None
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80℃. Avoid freeze / thaw cycles. This product is an active protein and may elicit a biological response in vivo, handle with caution.

BACKGROUND

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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	helicase NS3; Non structural protein 4A; Non structural protein 4B; NS3P; NS4A; NS4B; NTPase; p27; p70; p8; Serine protease; HCV Core NS3 + NS4

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