



Recombinant HCV type 1 Nonstructural Protein 3 (a.a. 1225-1456) [His] (DAG1700)

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

PRODUCT INFORMATION

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| Product Overview | NS3 (HCV) (NP_671491, 1225 a.a.-1456 a.a.) partial recombinant protein with His tag expressed in Escherichia coli . |
| Species | HCV |
| Purity | Conventional Chromatography |
| Conjugate | His |
| Applications | SDS-PAGE |
| Format | Liquid |
| Concentration | 1 mg/ml |
| Buffer | In 20 mM Tris-HCl, pH 8.0 (10% glycerol, 1 mM DTT) |
| Preservative | None |
| Storage | 2-8°C short term, -20°C long term |

BACKGROUND

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| Introduction | The hepatitis C virus (HCV) core protein represents the first 191 amino acids of the viral precursor polyprotein and is cotranslationally inserted into the membrane of the endoplasmic reticulum. Hepatitis C virus (HCV) core is a viral structural protein; it also participates in some cellular processes, including transcriptional regulation. However the mechanisms of core-mediated transcriptional regulation remain poorly understood. Hepatitis C virus (HCV) core protein is thought to contribute to HCV pathogenesis through its interaction with various signal |
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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.

Keywords

HCV NS3 transactivated protein; NS 3; NS3; NS3P; p70; Serine protease/NTPase/helicase; Hepatitis C Virus NS3; Flaviviridae; Hepacivirus; Hepatitis C virus; HCV NS-3; HCV NS3 Genotype 1a; Hepatitis C Virus NS3 Genotype 1a
