

□ Cat # RP-502

Recombinant Hepatitis C Virus (HCV) NS3, Biotin Labeled

Size: □ 50 ug

HCV is a small 50nm, 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 lack of proofreading by the HCV RNA polymerase, the HCV has an exceptionally high mutation rate, a factor that may help it elude the host's immune response. Hepatitis C virus is classified into six genotypes(1-6) with several subtypes within each genotype. The preponderance and distribution of HCV genotypes varies globally. Genotype is clinically important in determining potential response to interferon-based therapy and the required duration of such therapy. Genotypes 1 and 4 are less responsive to interferon-based treatment than are the other genotypes (2, 3, 5 and 6)

Source

The E.coli derived recombinant protein contains the HCV NS3 immunodominant regions, amino acids 1450-1643 (>95%). Purified protein is supplied in 25mM Tris-Hcl pH 8, 10mM mercaptoethanol..

STORAGE:

Protein is shipped at ambient temperature. Upon arrival, Store at -20°C. One year frozen. One month in solution at room temperature.

SPECIFICITY:

Immunoreactive with sera of HCV-infected individuals.

This item is for LABORATORY ESEARCH USE ONLY.

Related Items

Catalog#	ProdDescription
HCV16-R	Recombinant (P. pastoris) Hepatitis C Virus (Hepatitis C Virus (HCV)) core protein (N-term 120 aa, ~16 Kda) (insoluble)
HCV21-R	Recombinant (E. coli, his-tag) Hepatitis C Virus (Hepatitis C Virus (HCV)) core protein Mosaic (nucleocapsid immunodominant regions) (soluble)
HCV23-R	Recombinant (E. coli) Hepatitis C Virus (Hepatitis C Virus (HCV) Antigen mosaic (Core1b, Core 3g, NS3, NS41, NS411, & NC5) (insoluble)
HCV36-R	Recombinant (E. coli) Hepatitis C Virus (Hepatitis C Virus (HCV)) Antigens-GST fusion protein (mosaic of several antigenic epitopes) (soluble)
HNS35-R	Recombinant (E. coli) Hepatitis C Virus (HCV) NS3 protein (insoluble)
HNS37-R	Recombinant (E. coli) Hepatitis C Virus (HCV) NS3 1a helicase protein (full lengthc33c) immunodominant regions (soluble)
HNS45-R	Recombinant (E. coli) Hepatitis C Virus (HCV) NS4 protein, fragments of the NS4 immunodominant region derived from 11 Hepatitis C Virus (HCV) genotypes, (soluble)
HNS55-R	Recombinant (E. coli) Hepatitis C Virus (HCV) NS5 protein, fragments of the NS5 immunodominant regions, (soluble)
RP-457	Recombinant Hepatitis C Virus (HCV) NS4 a+b, Biotin Labeled
RP-458	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-3/10
RP-459	Recombinant Hepatitis C Virus (HCV) NS4
RP-460	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-1a
RP-461	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-1b
RP-462	Recombinant Hepatitis C Virus (HCV) NS4 Mosaic
RP-463	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-1a (2322-2423)
RP-464	Recombinant Hepatitis C Virus (HCV) Combined
RP-465	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-1c
RP-466	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-2c (1192-1459)
RP-467	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-2b (1192-1459)
RP-468	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-6a (1192-1459)
RP-469	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-5a
RP-470	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-1

RP-471	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-2a
RP-472	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-3a
RP-473	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-4
RP-474	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-5
RP-475	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-6a
RP-476	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-1
RP-478	Recombinant Hepatitis C Virus (HCV) NS4, Horseradish Peroxidase
Labeled	
RP-479	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-3
RP-480	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-4
RP-481	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-5
RP-482	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-6
RP-483	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) 22kDa, Biotin
RP-484	Recombinant Hepatitis C Virus (HCV) NS4 a+b, Rhodamine Labeled
RP-485	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-1a
RP-486	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-1b
RP-487	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-2
RP-488	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-2a
RP-489	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-2b
RP-490	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-3a
RP-491	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-3b
RP-492	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-6a
RP-493	Recombinant Hepatitis C Virus(HCV) NS5
RP-494	Recombinant Hepatitis C Virus (HCV) NS5, Biotin Labeled
RP-495	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-2b
RP-496	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-3b
RP-497	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) (105-302)
RP-498	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) 24
RP-499	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) 22kDa
RP-501	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core), Horseradish Peroxidase Labeled
RP-502	Recombinant Hepatitis C Virus (HCV) NS3, Biotin Labeled
RP-503	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-1b
RP-504	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-1a (1192-1459)
RP-505	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-1b (1192-1459)
RP-506	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-1a (1356-1459)
RP-507	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-1b (1356-1459)
RP-508	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-2b (1356-1459)
RP-509	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-3 (1356-1459)
RP-510	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-4 (1356-1459)
RP-511	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-5 (1356-1459)
RP-512	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-6 (1356-1459)

SP-51609-5 Hepatitis Virus C (HCV) NS3 Protease Inhibitor 1 (AA: Ac-Asp-Glu-Met-Glu-Glu-Cys) (MW: 796.8)

SP-52590-1 HCV-1 e2 Protein (484 - 499) (AA: Pro-Tyr-Cys-Trp-His-Tyr-Pro-Pro-Lys-Pro-Cys-Gly-Ile-Val-Pro-Ala) (MW: 1828.19)

SP-86624-1 HCV-1 e2 Protein (554 - 569) (AA: Trp-Met-Asn-Ser-Thr-Gly-Phe-Thr-Lys-Val-Cys-Gly-Ala-Pro-Pro-Cys) (MW: 1699.00)

SP-89116-5 HCV Core Protein (19-25) (AA: Pro-Gln-Asp-Val-Lys-Phe-Pro) (MW: 829.96)

SP-89117-5 HCV Core Protein (59-68) (AA: Arg-Gly-Arg-Arg-Gln-Pro-Ile-Pro-Lys-Ala) (MW: 1178.42)

SP-89118-5 HCV Core Protein (107-114) (AA: Trp-Gly-Pro-Asn-Asp-Pro-Arg-Arg) (MW: 997.09)

SP-89119-5 HCV NS4A Protein (21-34) (JT strain) (AA: Gly-Ser-Val-Val-Ile-Val-Gly-Arg-Ile-Ile-Leu-Ser-Gly-Arg) (MW: 1425.75)

SP-89120-5 HCV NS4A Protein (22-33) (FDA strain) (AA: Cys-Val-Val-Ile-Val-Gly-Arg-Ile-Val-Leu-Ser-Gly) (MW: 1213.54)

SP-89121-5 HCV NS4A Protein (22-34) (H strain) (AA: Cys-Val-Val-Ile-Val-Gly-Arg-Val-Leu-Ser-Gly-Lys) (MW: 1327.69)

SP-89122-5 HCV Nucleoprotein (88-96) (AA: Asn-Glu-Gly-Leu-Gly-Trp-Ala-Gly-Trp) (MW: 989.06)

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