

□ 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 Recombiant (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 Labled
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-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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