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37-1400: Hepatitis C virus (HCV-1a) NS3 protease / helicase immunodominant region Recombinant Protein (aa 1356-1459, GST Tag)(Discontinued)

Alternative Name : NS3 Protein, HCV

Description

Source : E. coli
HCV NS3 displays three enzymatic activities: serine protease, NTPase and RNA helicase. HCV NS3 serine protease, in association with NS4A, is responsible for the cleavages of NS3-NS4A, NS4A-NS4B, NS4B-NS5A and NS5A-NS5B. NS3/NS4A complex also prevents phosphorylation of human IRF3, thus preventing the establishment of dsRNA induced antiviral state. HCV NS3 RNA helicase binds to RNA and unwinds dsRNA in the 3' to 5' direction, and likely RNA stable secondary structure in the template strand (By similarity). Cleaves and inhibits the host antiviral protein MAVS.

Product Info

Amount :	1459, GST Tag)(Discontinued) / 20 µg
Purification :	> 95 % as determined by SDS-PAGE.
Content :	Formulation Lyophilized from sterile 50 mM Tris, 500 mM NaCl. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Storage condition :	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Amino Acid :	Thr1356-Thr1459

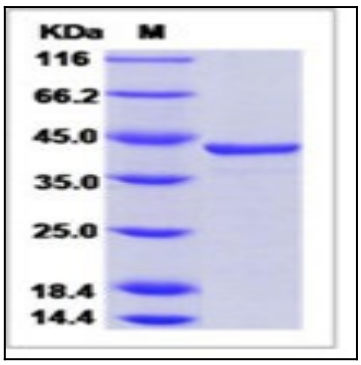

Fig 1: Hepatitis C virus (HCV-1a) NS3 protease / helicase immunodominant region Recombinant Protein (aa 1356-1459, GST Tag)