

## 32-5431: Recombinant Hepatitis C Virus Mosaic Antigen-B

### Description

Source : Escherichia Coli. HCV Mosaic-B protein contains a long core peptide residues 1-120a.a., 1192-1415a.a. of NS3, three epitopes from NS4 and two epitopes from NS5 and the genotype of all sequences are 1b. A specific peptide was identified from each region; the four peptides from each region were linked together and expressed in E .coli. The recombinant protein migrates at 65kDa. Hepatitis C is one type of viral hepatitis - a liver disease - caused by the hepatitis C virus (HCV) which is usually passed through contact with infected blood but can also pass through sex with an infected person and from mother to baby during childbirth.HCV core protein, NS3, NS4, and NS5 proteins of hepatitis C virus are all essential for detection of antibodies against HCV.

### Product Info

<b>Amount :</b>	0.5 mg
<b>Purification :</b>	Protein is >95% pure as determined by 12% PAGE (coomassie staining).
<b>Content :</b>	HCV Mosaic-B protein solution containing 50mM arginine in PBS.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.