

Recombinant Hepatitis C Virus HCVMB protein

Cat. No. HCVMB-109H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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.
Species	HCV
Source	E.coli
ProteinLength	1-120;1192-1415 a.a.
Description	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.
Form	Sterile Filtered clear solution. HCV Mosaic-B protein solution containing 50mM arginine in PBS.
Molecular Mass	65kDa
Purity	Protein is >95% pure as determined by 12% PAGE (coomassie staining).

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Applications	ELISA, gold conjugation.
Usage	The products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
Storage	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 storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Shipping	Ice Packs

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