

Product datasheet for **MC220519**

Hnrnpm (NM_001109913) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrnpm (NM_001109913) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hnrnpm
Synonyms:	2610023M21Rik; AA409009; Hnrpm; mKIAA4193
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220519 representing NM_001109913
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGCAGGGTCAAGCGGCAGCCGAAGTGGCGGCACAGAACC~~AAAAATGGAGGAAGAGAGCGGCC~~
 CGCCTCGCTGCCGAGCGCAACGGAGCTCCGGGCCGAAGGGTGAAGAACGACCTACTCAGAATGAGAA
 GAGGAAGGAGAAAAACATAAAAAAGAGGAGGCAATCGCTTTGAGCCATATCCAACCCAAC~~AAAA~~GATAC
 AGAGCCTTCATTACAAATATACCTTTTGTGTGAAATGGCAGTCACTTAAAGACCTGTTAAAGAAAAAG
 TTGGTGAGGTAACATACGTGGAGCTTAAATGGACGCTGAAGGAAAGTCAAGGGGATGTGCTGTTGTTGA
 ATCAAGATGGAGGAGAGCATGAAAAAGCTGCTGAAGTCTAAACAAGCATAGTCTGAGTGAAGGCCA
 CTGAAAGTCAAGGAAGATCCTGATGGTGAACATGCAAGGAGAGCAATGCAAAAGGCTGGAAGACTGGAA
 GCACAGTATTTGTAGCAAATCTGGATTAAAAGTTGGCTGGAAGAACTGAAGGAAGATTTAGTATGGC
 TGGTGTGGTGGTCCGAGCAGACATCTGGAAGATAAAGATGGGAAAAGTCTGGAATAGGCATTGTGACT
 TTTGAACAGTCCATTGAAGCTGTGCAAGCAATATCTATGTTAAATGGCCAGTTGCTGTTGATAGACCGA
 TGCACGTCAAGATGGATGAGAGGGCTTTACCAAAGGGAGACTTTTTCTCTCTGAACGCCACAGCAACT
 TCCCCATGGACTTGGTGGTATTGGCATGGGATTAGGACCTGGAGGTGAGCCTATTGATGCCAACCATCTG
 AGCAAAGGCATTGGAAATGGGAAACCTAGGACCTGCAGGGATGGGAATGGAAGGCATAGGATTTGGAATAA
 AAAAAATGGAGGCATGGAAGGACCTTTGGTGGTGGTATGGA~~AAAA~~CATGGGCCGATTTGGATCCGGGAT
 GAACATGGGCCGAATAAATGAAATCCTAAGTAAATGCAC~~TGAAGAGAGGAGAGATCATTGCAAAACAGGGA~~
 GGAGGTGGAGCTGGAGGCAGTGTCCCTGGGATCGAGAGGATGGCCCTGGCATTGACCGCATTAGCGGTG
 CTGGCATGGAGCGCATGGCGCAGGCTTAGGCCATGGCATGGATCGAGTGGGCTCTGAGATTGAGCGCAT
 GGGCCTGGTCATGGACCGCATGGGCTCAGTTGAGCGCATGGGCTCCAGCATTGAGCGCATGGGCCACTA
 GGCTTGACCACATGGCCTCCAGTATTGAGCGCATGGGCCAGACCATGGAGCGCATTGGTTCTGGCGTGG
 AGCGCATGGGTGCCGGCATGGGCTTCGGCTGGAGCGCATGGCCGACCCATTGACCGTGTGGGCCAAAC
 CATTGAGCGCATGGGCTCTGGTGTAGAGCGCATGGGTCTGCCATTGAACGCATGGGCTAAGCATGGAT
 CGGATGGTGCCACAGGCATGGGGCCAGCCTGGAGCGCATGGGTCTGTGATGGATCGGATGGCCACCG
 GCCTGGAGCGCATGGGCGCAACAACCTGGAGCGCATGGGCTGGAGCGTATGGGAGCCAACAGTCTTGA
 GCGCATGGGCTGGAGCGAATGGGCGCAACAGCCTGGAACGTATGGGCCCTGCCATGGGCCAGCATTG
 GCGCTGGTATTGAGCGAATGGGCTGGCCATGGGTGGAGCCGGAGGTGCTAGCTTTGACCGAGCCATTG
 AGATGGAGCGGGCAACTTTGGAGGAAGCTTCGCAGGTTCTTTGGCGGAGCTGGAGGCCATGCACCTGG
 AGTAGCCAGGAAGGCCTGCCAGATATTTGTGAGAAATCTCCCATTTGATTTACATGGAAGATGCTAAAG
 GACAAGTTCAATGAATGTGGCCACGTGCTGTACGCCGACATCAAGATGGAGAACGAAAGTCCAAGGGGT
 GCGGTGTGGTTAAGTTTGAAGTCTCCAGAGGTGGCTGAGAGAGCCTGCCGGATGATGAATGGCATGAAGCT
 GAGTGGCCGAGAGATTGATGTTCAAGTTGATAGAAATGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001109913
- Insert Size:** 2073 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001109913.1](#), [NP_001103383.1](#)

RefSeq Size: 2415 bp

RefSeq ORF: 2073 bp

Locus ID: 76936

UniProt ID: [Q9D0E1](#)

Cytogenetics: 17 B1

Gene Summary: Pre-mRNA binding protein in vivo, binds avidly to poly(G) and poly(U) RNA homopolymers in vitro. Involved in splicing. Acts as a receptor for carcinoembryonic antigen in Kupffer cells, may initiate a series of signaling events leading to tyrosine phosphorylation of proteins and induction of IL-1 alpha, IL-6, IL-10 and tumor necrosis factor alpha cytokines (By similarity). [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks an in-frame segment in the coding region, compared to variant 1, which results in shorter protein (isoform b) when compared to isoform a.