

Product datasheet for **MC220850**

Hnrpm (BC065172) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrpm (BC065172) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hnrpm
Synonyms:	2610023M21Rik; AA409009; Hnrpm; mKIAA4193
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC065172
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGCAGGGTCAAGCGGCAGCCGAAGTGGCGGCACAGAACC~~AAAAATGGAGGAAGAGAGCGGCC~~
 CGCCCTGCGTGCCGAGCGCAACGGAGCTCCGGGCCGAAGGGTGAAGAACGACCTACTCAGAATGAGAA
 GAGGAAGGAGAAAAACATAAAAAAGAGGAGGCAATCGCTTTGAGCCATATCCAACCCA~~ACTAAAA~~GATAC
 AGAGCCTTCATTACAAATATACCTTTTGTGTGAAATGGCAGTCACTTAAAGACCTGTTAAAGAAAAAG
 TTGGTGAGGTAACATACGTGGAGCTCTTAATGGACGCTGAAGGAAAGTCAAGGGGATGTGCTGTTGTTGA
 ATCAAGATGGAGGAGAGCATGAAAAAGCTGCTGAAGTTCTAAACAAGCATAGTCTGAGTGAAGGCCA
 CTGAAAGTCAAGGAAGATCCTGATGGTGAACATGCAAGGAGAGCAATGCAAAAGGCTGGAAGACTGGAA
 GCACAGTATTTGTAGCAAATCTGGATTATAAAGTTGGCTGGAAGAACTGAAGGAAGATTTAGTATGGC
 TGGTGTGGTGGTCCGAGCAGACATTCTGGAAGATAAAGATGGGAAAAGTCTGGAATAGGCATTGTGACT
 TTTGAACAGTCCATTGAAGCTGTGCAAGCAATATCTATGTTTAAATGGCCAGTTGCTGTTGATAGACCGA
 TGCACGTCAAGATGGATGAGAGGGCTTTACCAAAGGGAGACTTTTTCTCCTGAACGCCACAGCAACT
 TCCCCATGGACTTGGTGGTATTGGCATGGGATTAGGACCTGGAGGTGAGCCTATTGATGCCAACCATCTG
 AGCAAAGGCATTGGAATGGGAAACCTAGGACCTGCAGGGATGGGAATGGAAGGCATAGGATTTGGAATAA
 AAAAAATTGGAGGCATGGAAGGACCTTTGGTGGTGGTATGGA~~AAACATGGGCCGATTGGATCCGGGAT~~
 GAACATGGGCCGAATAAATGAAATCCTAAGTAAATGCACTGAAGAGAGGAGAGATCATTGCAAAACAGGGA
 GGAGGTGGAGCTGGAGGCAGTGTCCCTGGGATCGAGAGGATGGCCCTGGCATTGACCGCATTAGCGGTG
 CTGGCATGGAGCGCATGGCGCAGGCTTAGGCCATGGCATGGATCGAGTGGGCTCTGAGATTGAGCGCAT
 GGGCTTGGTCATGGACCGCATGGGCTCAGTTGAGCGCATGGGCTCCAGCATTGAGCGCATGGGCCACTA
 GGCTTGACCACATGGCCTCCAGTATTGAGCGCATGGGCCAGACCATGGAGCGCATTGGTTCTGGCGTGG
 AGCGCATGGGTGCCGGCATGGGCTTCGGCTGGAGCGCATGGCCGACCCATTGACCGTGTGGGCCAAAC
 CATTGAGCGCATGGGCTCTGGTGTAGAGCGCATGGGTCTGCCATTGAACGCATGGGCTAAGCATGGAT
 CGGATGGTGCCACAGGCATGGGGCCAGCCTGGAGCGCATGGGTCTGTGATGGATCGGATGGCCACCG
 GCCTGGAGCGCATGGCGCCAACAACCTGGAGCGCATGGGCTGGAGCGTATGGGAGCCAACAGTCTTGA
 GCGCATGGGCTGGAGCGAATGGGCGCCAACAGCCTGGAACGTATGGGCCCTGCCATGGGCCAGCATTG
 GCGCTGGTATTGAGCGAATGGGCTGGCCATGGGTGGAGCCGGAGGTGCTAGCTTTGACCGAGCCATTG
 AGATGGAGCGGGCAACTTTGGAGGAAGCTTCGCAGGTTCTTTGGCGGAGCTGGAGGCCATGCACCTGG
 AGTAGCCAGGAAGGCCTGCCAGATATTTGTGAGAAATCTCCCATTTGATTTTACATGGAAGATGCTAAAG
 GACAAGTTCAATGAATGTGGCCACGTGCTGACGCCGACATCAAGATGGAGAACGAAAGTCCAAGGGGT
 GCGGTGTGGTTAAGTTTGAAGTCTCCAGAGGTGGCTGAGAGAGCCTGCCGGATGATGAATGGCATGAAGCT
 GAGTGGCCGAGAGATTGATGTTCAATTGATAGAAATGCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: BC065172
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:	<ol style="list-style-type: none">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:	<u>BC065172</u> , <u>AAH65172</u>
RefSeq Size:	2362 bp
RefSeq ORF:	2072 bp
Locus ID:	76936
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]