

## Product datasheet for **MR218749**

### **Hnrnpm (NM\_001109913) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Hnrnpm (NM_001109913) Mouse Tagged ORF Clone
Tag:	Myc-DDK
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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**ORF Nucleotide Sequence:**

>MR218749 representing NM\_001109913  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGCAGGGTCAAGCGGCAGCCGAAGTGGCGGCACAGAACC~~AAAAATGGAGGAAGAGAGCGGCG~~  
 CGCCCTGCGTGCCGAGCGCAACGGAGCTCCGGGCCCGAAGGGTGAAGAACGACCTACTCAGAATGAGAA  
 GAGGAAGGAGAAAAACATAAAAAAGAGGAGGCAATCGCTTTGAGCCATATTCACCAACCAACTAAAAGATAC  
 AGAGCCTTCATTACAAATATACCTTTTGTGTGAAATGGCAGTCACTTAAAGACCTGGTAAAGAAAAAG  
 TTGGTGAGGTAACATACGTGGAGCTCTTAATGGACGCTGAAGGAAAGTCAAGGGGATGTGCTGTTGTTGA  
 ATCAAGATGGAGGAGAGCATGAAAAAGCTGCTGAAGTTCTAAACAAGCATAGTCTGAGTGAAGGCCA  
 CTGAAAGTCAAGGAAGATCCTGATGGTGAACATGCAAGGAGAGCAATGCAAAAGGCTGGAAGACTGGAA  
 GCACAGTATTTGTAGCAAATCTGGATTAAAAGTTGGCTGGAAGAACTGAAGGAAGATTTAGTATGGC  
 TGGTGTGGTGGTCCGAGCAGACATTCTGGAAGATAAAGATGGGAAAAGTCTGGAATAGGCATTGTGACT  
 TTTGAACAGTCCATTGAAGCTGTGCAAGCAATATCTATGTTAAATGGCCAGTTGCTGTTGATAGACCGA  
 TGCACGTCAAGATGGATGAGAGGGCTTTACCAAAGGGAGACTTTTTCTCTCTGAACGCCACAGCAACT  
 TCCCCATGGACTTGGTGGTATTGGCATGGGATTAGGACCTGGAGGTGAGCCTATTGATGCCAACCATCTG  
 AGCAAAGGCATTGGAAATGGGAAACCTAGGACCTGCAGGGATGGGAATGGAAGGCATAGGATTTGGAATAA  
 AAAAAATGGAGGCATGGAAGGACCTTTGGTGGTGGTATGGA~~AAAAATGGGCGGATTTGGATCCGGGAT~~  
 GAACATGGGCCGAATAAATGAAATCCTAAGTAAATGCACTGAAGAGAGGAGAGATCATTGCAAAACAGGGA  
 GGAGGTGGAGCTGGAGGCAGTGTCCCTGGGATCGAGAGGATGGGCCCTGGCATTGACCGCATTAGCGGTG  
 CTGGCATGGAGCGCATGGCGCAGGCTTAGGCCATGGCATGGATCGAGTGGGCTCTGAGATTGAGCGCAT  
 GGGCCTGGTCAATGGACCGCATGGGCTCAGTTGAGCGCATGGGCTCCAGCATTGAGCGCATGGGCCACTA  
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 AGCGCATGGGTGCCGGCATGGGCTTCGGCTGGAGCGCATGGCCGACCCATTGACCGTGTGGGCCAAAC  
 CATTGAGCGCATGGGCTCTGGTGTAGAGCGCATGGGTCTGCCATTGAACGCATGGGCTAAGCATGGAT  
 CGGATGGTGCCACAGGCATGGGGCCAGCCTGGAGCGCATGGGTCTGTGATGGATCGGATGGCCACCG  
 GCCTGGAGCGCATGGGCGCAACAACCTGGAGCGCATGGGCTGGAGCGTATGGGAGCCAACAGTCTTGA  
 GCGCATGGGCTGGAGCGAATGGGCGCAACAGCCTGGAACGATGGGCCCTGCCATGGGCCAGCATTG  
 GGGCTGGTATTGAGCGAATGGGCTGGCCATGGGTGGAGCCGGAGGTGCTAGCTTTGACCGAGCCATTG  
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 GACAAGTTCAATGAATGTGGCCACGTGCTGTACGCCGACATCAAGATGGAGAACGGAAAGTCCAAGGGGT  
 GCGGTGTGGTTAAGTTTGTAGTCTCCAGAGGTGGCTGAGAGAGCCTGCCGGATGATGAATGGCATGAAGCT  
 GAGTGGCCGAGAGATTGATGTTCGAATTGATAGAAATGCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**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

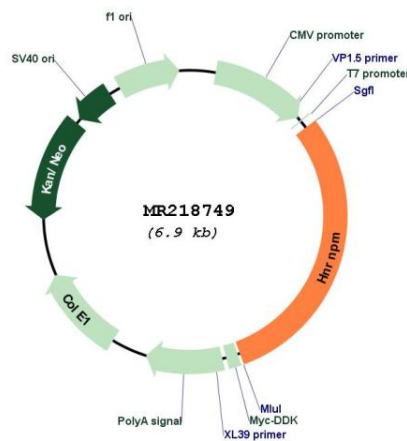
**UniProt ID:** [Q9D0E1](#)

**Cytogenetics:** 17 B1

**MW:** 74.2 kDa

**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]

### Product images:



Circular map for MR218749