

Product datasheet for **RN200226**

Hnrnpm (NM_053876) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrnpm (NM_053876) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hnrnpm
Synonyms:	Hnrpm; Hnrpm4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200226 representing NM_053876
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGCAGGGTCAAGCGCGGCCGAAGTGGCAGCGACAGAGCCAAAATGGAGGAAGAGAGCGGCG
 CGCCTCGGTGCCGAGCGCAACGGAGCTCCGGTCCCGAAGGGTGAAGAACGACCTACTCAGAATGAGAA
 GAGGAAGGAGAAAAACATAAAAAAGAGGAGGCAATCGCTTTGAGCCATATGCAAACCAACTAAAAGATAC
 AGAGCCTTCATTACAAATATACCTTTTGTGTGAATGGCAGTCACTTAAAGACCTGGTAAAGAAAAAG
 TTGGTGAGGTAACATACGTGGAGCTTAAATGGACGCTGAAGGAAAGTCAAGGGGATGTGCTGTTGTTGA
 GTTCAAGATGGAGGAGAGCATGAAAAAGCTGCCGAAGTCTAAACAAGCATAGTCTGAGTGAAGGCCA
 CTGAAAGTCAAAGAAGATCCTGATGGTGAACATGCAAGGAGAGCAATGCAAAAGGCTGGAAGACTGGAA
 GCACAGTATTTGTAGCAAATCTGGATTAAAAGTTGGCTGGAAGAACTGAAAGAAGTATTTAGTATGGC
 TGGTGTGGTGGTCCGAGCAGACATTCTGGAAGATAAAGATGGGAAAAGTCTGGAATAGGCACTGTGACT
 TTTGAACAGTCCATTGAAGCTGTGCAAGCTATATCTATGTTAAATGGCCAGTTGCTGTTGATAGACCGA
 TGCACGTCAAGATGGATGAGAGGGCTTTACCAAAGGGAGACTTTTTCTCTCTGAACGCCACAGCAACT
 TCCTCATGGACTTGGTGGTATCGGTATGGGGTTAGGACCTGGAGGGCAGCCTATTGATGCCAACCCCTG
 AACAAAGGCATTGGAATGGGAAACCTAGGACCTGCAGGAATGGGAATGGAAGGCATAGGATTTGGAATAA
 ATAAAAATCGGAGGCATGGAAGGACCTTTGGTGGTGGTATGGAATAATGGGGCGATTGGATCCGGGAT
 GAACATGGGCCGATAAATGAAATCCTAAGTAAATGCACTGAAGAGGGGAGAGATCATTGCAAAGCAAAGGA
 GGAGGTGGAGCTGGAGGCAGTGTCCCTGGGATCGAAAGGATGGGCCCTGGCATTGACCGCATTAGCGGTG
 CTGGCATGGAGCGCATGGGCGCAGGCTTAGGCCATGGCATGGATCGAGTGGGCTCTGAGATTGAGCGTAT
 GGGCCTGGTTCATGACCGCATGGGCTCAGTTGAGCGCATGGGCTCCGGCATCGAGCGCATGGGCCACTA
 GGCTTACCACATGGCCTCCAGTATTGAGCGCATGGGCCAGACCATGGAACGCATTGGTTCTGGTGTGG
 AGCGCATGGGTGCCGGTATGGGCTTCGGCTGGAGCGCATGGCCGACCCATTGACCGTGTGGCCAAAC
 CATTGAGCGCATGGGCTCTGGTGTAGAGCGCATGGGTCTGCCATTGAGCGAATGGGCTAAGCATGGAT
 CGAATGGTGCCACAGGCATGGGGCCGGCTGGAGCGCATGGGTCTGTGATGGATCGTATGGCCACCG
 GCCTGGAGCGCATGGGCGCAACAACCTGGAGCGCATGGGCTTGAGCGCATGGGAGCAACAGTCTTGA
 GCGCATGGGCTGGAACGAATGGGCGCAACAGCCTGGAACGGATGGGCCCTGCCATGGGCCAGCATTG
 GCGCTGGTATTGAGCGAATGGGCTGGCCATGGGTGGCGCCGGGTGCTAGTTTTGACCGAGCCATTG
 AGATGGAGCGGGCAACTTTGGAGGAAGCTTCGCAGGTTCTTTGGCGGAGCTGGAGGCCATGCACCTGG
 AGTAGCCAGGAAGGCCTGCCAGATATTTGTGAGAAATCTCCCATTTGATTTTACATGGAAGATGCTAAAG
 GACAAATCAATGAATGTGGCCACGTGCTACGCCGACATCAAGATGGAGAACGAAAGTCCAAGGGGT
 GCGGTGTGGTTAAGTTTGTGCTCCAGAGGTGGCTGAGAGAGCCTGCCGGATGATGAATGGCATGAAGCT
 GAGTGGCCGAGAGATTGATGTTCAATTGATAGAAACGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_053876
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>NM_053876.2</u> , <u>NP_446328.2</u>
RefSeq Size:	2375 bp
RefSeq ORF:	2073 bp
Locus ID:	116655
UniProt ID:	<u>Q62826</u>
Cytogenetics:	7q13
Gene Summary:	an RNA binding protein that interacts with carcinoembryonic antigen (CEA) [RGD, Feb 2006] 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.