

Product datasheet for MC222983

Rbm12 (NM_029397) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbm12 (NM_029397) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rbm12
Synonyms:	5730420G12Rik; 9430070C08Rik; AI852903; mKIAA0765; S; SWAN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC222983 representing NM_029397 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGTGGTCATCCGTTTGAAGGTCTCCCAATTGTGGCGGGGACCATGGACATTCGCCACTTCTTCT
CTGGATTAACCATCCCCGATGGGGCGTGCATATTGTAGGGGGTGAAGTGGGTGAGGCTTTCATCGTTTT
TGCCACTGATGAAGATGCAAGGCTTGGTATGATGCGCACAGGTGGTACTATTAAGGGTCAAAGTAAACA
CTATTATTGAGTAGTAAACAGAAATGCAAAATATGATTGAACTGAGTCGTAGGCGTTTTGAACTGCCA
ACTTAGATATTCGCCAGCAAATGCTAGTAGATCAGGACCACCACCTAGCTCAGGGATGAGCAGCAGGGT
GAAGTGGCCAGCAATAGTACCCAATTTAATAATCCTTCGCCAAGTGTAGTAACTGCTACCACTTCTGTT
CATGAGAGCAACAAAACATACAGACATTTTCCACAGCCAGCGTAGGAACCGCTCCTCCAAGCATGGGGA
CTTCTTTTGGGAGCCCAACGTTCAAGTTCACCATTCCAAGTACAGCTTCTCCAATGAACACGGTCCCACC
GCCACCGATTCTCCAATCCCAGCGATGCCATCTTGGCCACCGCTGCCATCCATTCACCAATACCAAGT
CCTCCTCCGGTACCAACATTGCCTCCTGTGCCACCTGTTCTCCATTCCCCAGTCCCTTCGGTGCCAC
CTATGACCACACTGCCTCCTATGTCAGGCATGCCACCTTGAATCCACCACCTGTGGCACCTTACCTGC
TGAATGAATGGCTCTGGAGCACCTATCGGTCTGAACAATAATGAATCCTGTGTTTCTGGGTCCATTA
AATCCTGTTAACTCTATACAGATGAATTTCAAAGCAGCGTGAAGTCTCTCCCATCAACCTGATGATC
TGATGTGAGTGTGCATGGAATGCCCTTTCTGCAATGGAATAATGATGTCAGAGAGTTTTTCCATGGGCT
CCGAGTCGATGCAGTGCATTTGTTAAAAGATCATGTAGGTCGAAATAATGGGAATGGATTGGTTAAGTTT
CTCTCCCCTCAAGATACATTTGAAGCTTTGAAACGGAACAGAATGCTGATGATTCAACGCTATGTGGAAG
TCAGTCTGCCACAGAGAGACAGTGGGTAGCTGCTGGAGGTCATATCACTTTTAAGCAAAGTATGGGGCC
TTCTGGACAAGCCACCCTCCTCCACAGACACTCCAAGTCAAATCGCCAGTGGGCAGAAAAGGTCA
AGATCAAGATCACCACATGAGGCTGGCTTTTGTGTTTACTTAAAAGGGCTACCATTTGAAGCAGAAAACA
AACATGTCATTGATTTTTTAAGAAGTTGGATATTGTGGAAGATAGTATTTATATAGCTTATGGACCAA
TGGGAAAGCAACTGGTGAAGCTTTGTAGAATTTAGGAATGATGCTGACTATAAGGCTGCTCTGTCTGTCT



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CATAACAATACATGGGCAATCGCTTTATTCAAGTTCATCCAATAACTAAGAAAGGTATGCTTGAAAAGA
 TAGATATGATTGAAAACGACTTCAGAACTTCAGCTATGACCAGAGGGAAGTGGTGTAAATCCAGAGGG
 GGAAGTCAGTTCTGCCAAAGTCTGTGCCATATAACAAACATTCCATTACAGCATCACCAAGATGGATGTT
 CTTTCAGTTCCTAGAAGGAATCCCAGTGGATGAGAGTGTGTGCATGTTCTTGTGATAACAAATGGGCAAG
 GTCTAGGGCAAGCATTGGTTTCAGTTTAAAACCTGAAGATGACGCACATAAACTGAACACTTACACCGTAA
 AAAGCTGAATGGGAGAGAAGCTTTTGTTCATATAGTTACCCTAGAAGATATGAGAGAGATTGAGAAAAAT
 CCCCCAGCCCAAGGAAAAAGGGTCTAAAGATATCTGTTCCAGGTAATCCTGCAGTACCAGTGATACCTA
 GTGCAGGGATGCCTGCTGCTGGAATCCCAGTCCCGGGATACCAGGGGCTGGATTGCCTAGTGTGGAAT
 GCCTGGTGTGGGATGCCAGCTCTGGAATGCCTGGTCTGGAATGCCCGGTCCCAGGATACCCGGTGGC
 GGAATACCTGGTCCCAGCAATGCCTGGTCTGCAATGCCTGGTCCCAGCAATGCCTGGTCCCAGCAATGCCCG
 GTCCCAGCAATGCCCGGTCCCAGCAATGCCCGGTCCCAGCAATGCCCGGTCCCAGCAATGCCCGGTCCCAGCAAT
 ACCTGGTCCCAGCAATACCTGGTCCCAGCAATACCTGGTGTGCATCCCAGTGCAGGAGGAGAAGAGCAT
 GTCTTCTTGACTGTAGGATCAAAGGAGGCCAATAATGGGCCACCATTTAACTTCCCTGGTAATTTTGGTG
 GGCCCAATGCCTTTGGGCCACCCTCCCCTCCAGGATTAGGGGGTGCCTTTGGTGATGTTAGGCCTGT
 TATGCCTTCGGTTGGAATAGTGGTTTGCCTGGCTAGGACTGGAAGTTCAGGTTTTGGAGGTGCCCA
 AATAATATAAGTGGGCCATCAGGATTTGGGGGGATCCCTCAGAAGTTCGAAATGGCCAGGTAGTTTAA
 ATGCTCCTCCTGGTTTTGGAAGTGGACCCCTGGTCTTGGAAAGTTCCTGGGCATTTGAGTGGGCCTCC
 AGCCTTTGGGCCTGGCCTGGCCTGGCCCAATCCATATTGGGGTCCCCTGGCTTTGGAGCTAGCTCT
 GGAAAACCAGGACCTACAATAATTAAGGTGAGAACATGCCTTTTACTGTATCTATTGATGAAATTTTAG
 ATTTCTTTTATGGTTATCAAGTAATCCAGGTTTCAGTATGTTTAAAATACAATGAAAAGGTATGCCTAC
 AGGTGAAGCCATGGTGGCCTTTGAATCTCGGGATGAAGCCACAGCTGCTGTCATTGACTTAAATGATAGG
 CCTATAGGTTCAAGAAAGGTAATACTTGTTTTAGGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_029397
- Insert Size:** 2979 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_029397.3](#), [NP_083673.3](#)
- RefSeq Size:** 3752 bp
- RefSeq ORF:** 2979 bp

Locus ID: 75710

UniProt ID: [Q8R4X3](#)

Cytogenetics: 2 H1

Gene Summary: This gene encodes a protein that contains several RNA-binding motifs, potential transmembrane domains, and proline-rich regions. This gene and the gene for copine I overlap at map location 2 H2. Two alternatively spliced transcript variants have been identified for this gene. Both variants encode the same protein. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (1) is the longer transcript.