

Product datasheet for **MC202602**

Rbm5 (NM_148930) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbm5 (NM_148930) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rbm5
Synonyms:	D030069N10Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC054729 sequence for NM_148930
 GTTACCATTCTGATGGTGGAGACGCCATTTTGTGGAGCGGCCAACCTTGTAGGAGGTTCTGGGCGCAG
 AGCCGCTACTGCTCCTGCTTTGTTCCCTCTGTGGGGGGGAAAAATTAAGCCTTTTGAAGCAGTGTGCTAG
 CTCTTCCGTGAGACGATGGGTTCCAGACAAAAGAGTGAGTAGAACAGAACGTAGTGGAAAGATATGGTTCCA
 TCATAGATAGGGATGACCGTGATGAGCGTGAATCTAGAAGCAGGCGGGGACTCAGATTACAAAAGATC
 AAGCGATGATCGGAGAGGTGATAGATATGATGACTATCGGGACTATGATAGTCCAGAGAGAGAGCGTGAA
 AGAAGGAACAGTGACCGGTCTGAAGATGGCTATCATTGACTGTTGACTATGGAGAACATGACTATAGAC
 ATGACATCAGTGATGAGAGAGAGAGCAAGACCATCATGCTCCGTGGCCTTCTATCACCATCACCAGAGAG
 CGATATTCGAGAAATGATGGAGTCTTTTGAAGGCCTCAGCCTGCAGATGTGAGGCTGATGAAGAGGAAA
 ACAGGTGTAAGCCGTGGTTTCGCCTTCGTGGAGTTTTATCACTTGCAAGATGCTACCAGCTGGATGGAAAG
 CCAATCAGAAAAAATGGTGATTCAAGGAAAGCACATTGCAATGCATTATAGCAATCCCAGACCTAAATT
 TGAAGATTGGCTTTGTAACAAGTCTGCCTTAAACAATTCAGGAAAAGACTAAAAATGCTTCCGATGTGGA
 GCAGACAAGTTTACTCTGAACAGGAAGTCCCCCGGAACCACAGAGTCTGCTCAGTCCGTGGATTACT
 ACTGTGATACTATCATTCTCGGAACATAGCTCCGCACACTGTGGTGGATTCCATCATGACAGCCCTATC
 TCCCTATGCTTCTTAGCTGTCAATAACATTTCGCCTCATAAAAGACAAAACAGACACAACAGAACAGAGGG
 TTTGCATTTGTGAGCTATCTTCTGCAATGGATGCCTCTCAGCTGCTTCAGATATTACAGAGTCTCCATC
 CTCCATTGAAAAATGATGGGAAAATTTGGAGTTGATTTTGCAAAAAGTGCCAGAAAAGATTTGGTCTCT
 TCCAGATGGTAACCGAGTCAGCGCTTCTCTGTAGCTAGTACAGCCATTGCTGCTGCTCAGTGGTCATCC
 ACTCAGTCTCAAAGTGGTGAAGGAGGCAGTGTGACTACAGTTACATGCAGCCAGGCCAGGATGGCTACA
 CACAGTACACTCAATACTCACAGGATTACCAGCAGTTTTATCAGCAGCAAGCTGGAGGGCTGGAGTCTGA
 TACATCAGCTACATCAGGCACCACAGTACTACCCTCAGCAGTGTAGTATCCCAAAGTCCCAACTC
 TATAATCAGACCTCCAACCCACCTGGCTCTCCGACTGAGGAAGCACAGCCTAGCACTAGCACAAGTACAC
 AGGCCCCGCTGCTTCCCTACTGGTGTAGTTCTGTTACCAAGTATGCAGTACCTGACAGTCTACTTAA
 TCAATATGATGAATCATCAGGATATTATTATGATCCTACAACAGGGCTCTACTATGACCCTAACTCACAG
 TACTACTATAACTCCTTAAACACAGCAGTACTTGTACTGGGATGGCGAGAAGGAGACCTACGTGCCAGCTG
 CAGAGGCTAGCTCGAACAGCAGACTGGCTGCCTTCCACAAAAGAGGAAAGGAGAAGAAAAGAAAAGCC
 CAAGAGCAAAACTGCTCAGCAGATTGCCAAAGACATGGAACGCTGGGCCAAGAGTTTAAATAAGCAGAAA
 GAAAAATTTAAAAACAGCTTTCAACCTGTCAATTCATTGAGAGAAGAAGAAAGGAGAGAATCTGCCGAG
 CAGATGCTGGCTTTGCTCTTTTTGAGAAGAAGGGAGCCTTAGCTGAAAGGCAGCAACTCCTCCCTGAATT
 GGTGCGCAATGGAGATGAAGAAAACCCCTTAAAAGAGGTCTGGTTGCTGCTTACAGTGGTGACAGTGAC
 AATGAGGAGGAGCTGGTAGAGAGACTTGAGAGTGAGGAAGAGAACTAGCTGACTGGAAGAGATGGCCT
 GCCTGCTGTGCCAGCTCAGTTCCAAACAGAGATGCCCTGGTCAAGCAGCAGCAGCTCTCCGACTTACA
 CAAGCAAAATATGGACATCTACCGAAGATCCAGGCTGAGCGAGCAGGAGTTGGAAGCCTTGAGGCTGAGG
 GAGAGAGAGATGAAATACAGAGACCGAGCAGCAGAAAAGACGAGAGAAATACGGAATTCAGAGCCCCCAG
 AGCCCAAGCGCAAGAAGCAGTTTGTGCTGGCACTGTGAATTACGAGCAGCCACCAAAGATGGCATTGA
 CCACAGTAACATTGGCAACAAGATGCTGCAGGCTATGGGTTGGCGGGAAGGCTCAGGCTTAGGAAGAAA
 TGTCAGGCATCACAGCTCCATTGAGGCTCAAGTCCGACTAAAAGGAGCTGGCTGGGAGCCAAAGGCA
 GTGCCTATGGGTTGTGAGGTGCCGATTCTACAAAGATGCTGTTGCGAAAAGCCATGTTTGCCCGTTTAC
 TGAGATGGAGTGAAACTGGGGAAGCAATGCTGAGCACAGGAGCAAGCCATCTCCTCAGTTGCTCTTACT
 GCCTGTCTCTAAGGGCATGCCTTGTGCTATTAATAGTTTTAGGATGAACCACTTCACTTCTGAGGGTCT
 CCTACCTTAAATGAGCTCCCTTACGTGGGTAAACAACCTTCTTCCACCTGAGGGACTGTGAACAGAGG
 GGACAATGGGCTTTTATACTAAGGTGTATATAGTGTAATGTAATGAGTTTTACATGTTGTAGCCTGTG
 TTGTGTCCCTACTTCTGGGGCTTGAGAAGCTCGGAGTGGTTGTCAACACCAAAGCCACTGTCATT
 TATTGTTGTTATGCTTTTTCTTGCAATAGCCTTGTGTATATTTGTATATATACATTTGTACAGAATTT
 TGGAAATTTTTCAGTCTAGCTGCCAGTCTGGCTCCTTTACAAAAGAAATACCTTCAAAAAAAAAAAAAA AAAAA

Restriction Sites: AscI-NotI
ACCN: NM_148930
Insert Size: 2448 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:	BC054729 , AAH54729
RefSeq Size:	3085 bp
RefSeq ORF:	2448 bp
Locus ID:	83486
UniProt ID:	Q91YE7
Cytogenetics:	9 F1
Gene Summary:	Component of the spliceosome A complex. Regulates alternative splicing of a number of mRNAs. May modulate splice site pairing after recruitment of the U1 and U2 snRNPs to the 5' and 3' splice sites of the intron. May both positively and negatively regulate apoptosis by regulating the alternative splicing of several genes involved in this process, including FAS and CASP2/caspase-2. In the case of FAS, promotes production of a soluble form of FAS that inhibits apoptosis. In the case of CASP2/caspase-2, promotes production of a catalytically active form of CASP2/Caspase-2 that induces apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]