

Product datasheet for **RN211308**

Rbm10 (NM_152861) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbm10 (NM_152861) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rbm10
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211308 representing NM_152861
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGTATGAAAGACGAGGTGGTCGTGGTGACAGAACTGGCCGGTATGGAGCTACTGACCGCTCACAGG
 ACGATGGTGGAGAGAACCGCAGCCGAGACCATGATTATAGAGACATGGACTATCGTTCATACCCACGAGA
 GTATGGCAGTCAGGAAGCAAGCATGAGTATGACGACTCATCTGAAGAGCAAAGTGCAGAGATCCGTGGC
 CAGCTGCAGTCCCATGGTGTCCAAGCACGAGAGGTCCGGCTGATGCGGAACAAATCCTCAGGTGACAGCC
 GGGGCTTCGCCTTCGTCGAGTTTGTACTTGCAGGACGCTACACGATGGATGGAAGCCAATCAGCATT
 CCTCAACATCCTGGGCCAGAAGTATCCATGCATTACAGCGACCCCAAGCCCAAGATCAATGAGGACTGG
 CTGTGTAATAAGTGTGGTGTCCAGAACTCAAGCGCCGAGAGAAGTGCTTCAAATGCGGTGTGCCAAAT
 CAGAAGCAGAGCAGAAGTACCCCTTGGCACTCGACTGGATCAGCAGGCACTACCGTTGGTGGGCGGA
 GCTAAGCCAGGGCTACTCCACTGCCGACGCCCTACCAGGCCAGGGAGTGCTGACCTCGCAAGCCTTG
 TCACAGGGCTCAGAGCCAAGCTCCGAGAATGCCAATGACACCATTATTTACGCAACCTGAACCCACACA
 GCACTATGGATTCCATCCTCGGGCCCTAGCACCTATGCGGTGCTGTCCTTCCAATGTTGTTGTTAT
 CAAGGACAAGCAGACCCAGCTGAACCGAGGCTTCGCCTTCATCCAGCTCTCCACCATCGTGGAGCAGCC
 CAGCTGTACAGATCCTCAGGCCCTACACCCTCCGCTCACCATCGATGGCAAGACCATCAACGTGGAGT
 TTGCCAAGGGCTCTAAGAGGGATATGGCTCCAATGAAGGCAGTCGCATCAATGCTGCCTCTGTGGCCAG
 CACTGCCATTGCTGCTGCCAGTGGGCAATCTCACAGGCCCTCCAGGGTGGGAGAGTACCTGGGCTGCC
 CCCGAGGAGCCACCAAGTACTACAGCTACTACCAACAGGATGAGGGCTATGGCAGCAGCCAGGAAACAG
 ATTCCTCTATGCCCATGGTACCTTAAAGAATACCAAGGGCCCTGGCATGACTGGGACCAAAGGGACAC
 ATCTGGAGCAGGTCTGAGACCTCCCTTGAGGGTGGGACAGACTCTGTGCTACTGCAGGCTTCTCTCGA
 GCCCAGCCTGGTGTGCCCTGGACTCTATCAGCAATCAGCTGAGGGGAGCAGTGGCCAGGGCACTGCTA
 CCAACAGCCAGTCATATAACCATCATGTACCTGTGTGCTCAAGTCTGAGCTCCAGAGCCCTACTCATCC
 CAGCTCTGCCTTACCACCGGCCACCACTCCACTGCCCCAGAGTCTACAGCCAGTACCCTGTTCTGAT
 GTCTCTACTTACCAATATGATGAGACATCTGGCTACTACTATGACCCCAAGTGGTCTATACTATGATC
 CCAACTCCAGTATTACTACAATGCTCAGAGTCAGCAGTACCTATACTGGGATGGGAGCGCGGACCTA
 CATACTGCCTTGGAGCAGTCTGCTGATGGACATAAAGGACACAGGGGCATCATCAAAGGAGGAAAAGAG
 AAAAAAGAGAAGCATAAGACGAAGACGGCCCAACAGATTGCCAAGGACATGGAGCGGTGGGCCCGCAGTC
 TCAACAAGCAAAAAGAAAACCTTCAAAAACAGCTTCCAGCCTATTAGTGCTCTACGAGATGATGAAAGGCG
 GGAATCAGCCACTGCAGATGCAGGCTATGCCATCCTTGAGAAGAAGGGAGCACTAGCTGAAAGACAGCAC
 ACCAGCATGGATCTCCAAAAGTTGGCCAGTGTGACCGCCCTAGCCACCTCGAGGGCTGGTGGCAGCCT
 ATAGTGGAGAGAGTGACAGTGGAGGAGCAGGAGCGAGGGGGTCTGAGCGGGAAGAAAAGCTCACAGA
 CTGGCAGAAGCTAGCCTGTCTGCTTCCCGCCGCAAGTTCCAGCAAGGAGGCGCTCATCCGGCACCAG
 CAGCTCTCTGGACTCCACAAGCAAAACCTTGGATTTCATCGACGGGCCCACTTGTGAGAAAATGAATTGG
 AAGCACTAGAAAAGAATGACATGGAGCAAAATGAAGTATCGAGACCGTGCAGCTGAACGCAGAGAGAAGTA
 TGGTATCCCTGAGCCACCAGAGCCAAACGGAGGAAGTACGGTGGCATATCTACAGCCTCTGTGGACTTT
 GAACAGCCCACTCGGGATGGATTAGGCAGTGACAACATTGGTAGTGAATGCTCCAGGCCATGGGCTGGA
 AAGAAGGCAAGTGGTCTGGGCCGCAAGAAGCAGGGCATTGTGACACCCATTGAAGCCCAAACAGTGTTCG
 AGGTTCTGGCCTGGTGGCCGGGAAGTTCTATGGGGTACCTCAACAGAAATCCTACAAGGAGACACTG
 CACAAGACAATGGTGACCCGCTTCAATGAAGCCCA**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_152861
Insert Size: 2559 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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).</p>
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_152861.4, NP_690600.1</u>
RefSeq Size:	3123 bp
RefSeq ORF:	2559 bp
Locus ID:	64510
UniProt ID:	<u>P70501</u>
Cytogenetics:	Xq11
Gene Summary:	nuclear protein binds to RNA homopolymers with G and U polyribonucleotides [RGD, Feb 2006]