

## Product datasheet for **MC209301**

### Rbmy (NM\_011253) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rbmy (NM_011253) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rbmy
Synonyms:	RBM; Rbm1; Rbm1-rs1; Rbmy1a1; Rbmy1a1-rs1; Rbmy1b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209301 representing NM_011253 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCAGAACTAATCAGCCTGGGAAAATTTTTATAGGAGGCCTCAACATAAAGACCAGACAAAAGACTC  
TTCAAGAAATATTTGGGAGATTTGGACCAGTAGCACGTGTTATTTTGATGAGAGATCGTGAACCTAAGAA  
GTCTAGAGGCTTTGCTTTCCTTACTTTCCGACGCCTTGACAGTGTAAAGATGCTGTCAAAGAAATGAAT  
GGAGTGATTTGGATGGAAAAAGAATTAAGTAAACAAGCCAGGAGACCATCATCACTTGAAGTGGA  
GCAAGAAGAGACCACCATCCTTTTCAAGAACCAGAGGTGCTTCAAGAATCTGAAATGTGGAAGAGGAGG  
AAGAAGCAGAGCAAGAAGTGGTCTTCATGTGAAGGGAACCTGGGTGGTATAGATATACTCCTAATTTT  
AATGTGAGTTCTTCTGGGAGACACTTTGCAATTAAGAAATCCATCTTCAAAAAGGGATGATCCCCCTT  
CTAAAAGATCTGCAACTTCTGCTCAGACAAGAAGCAACTGACTAAGAGGACGAGAACCACATCGAAG  
AGAGATTTCTAGAAATATGCCAAGAGGAGAGCCGGCGTCTCCAGAAGAGATGAGTATCCATTACCAAGG  
GATTATGGCCAGTCTTCTAATGATAGGAAATATGAATCAACATCCAGAGGATACTGTGACTATGGCAATT  
ACCACTCTCGGGAAGAAAGTGCATCTAAGTCTTCAGTGATCATGCTGGCTATCTTGGAGGACGTGATAG  
AGATTTCTCTGAATATTTAAGTGGAAATTCATACAGAGATACATACAGAAGTTATGGAAGATTCCATGAG  
GCACCATCTGCAAGAGGTGGAAACAACCGCTATGATGACTATAGTAACTACAAGATGGATATGGTGGAA  
GAGGAGAACCATACATAAGCAACCGAAGTAAACATATACTCAAGTACTGAAACGTAGTGGTAGACAAGA  
AGTGCTTCCACCCTATTGATAGGGAATACTTTGACCGTGAGGGCAGACAGAAAGAGGGCATTACCT  
AAGGATGGGCTGTATAGTGCATCTCGTGAATCATACAGTAGTAATACCAAGATTTGGGGATCCCATGGA  
GGTCGTGGAGAAAGCAGATATAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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Chromatograms:	<a href="https://cdn.origene.com/chromatograms/ja1580_f09.zip">https://cdn.origene.com/chromatograms/ja1580_f09.zip</a>
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_011253
Insert Size:	1143 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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<a href="#">NM_011253.2</a> , <a href="#">NP_035383.2</a>
RefSeq Size:	1731 bp
RefSeq ORF:	1143 bp
Locus ID:	19657
UniProt ID:	<a href="#">O35698</a>
Cytogenetics:	Ypter
Gene Summary:	<p>RNA-binding protein involved in pre-mRNA splicing. Required for sperm development. Acts additively with TRA2B to promote exon 7 inclusion of the survival motor neuron SMN. Binds non-specifically to mRNAs.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>