

## Product datasheet for **MC207923**

### **Rbm41 (NM\_153586) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rbm41 (NM\_153586) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Rbm41  
**Synonyms:** BB131279; D330023I21Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC207923 representing NM\_153586  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGAGGGTAAATAGCTGTGTGAAGGATGAAGAACATGTCCTGGAGGAAGTGGAAACAGAAGGTGAGA  
GGCAGCTCAAGAGCCTCCTTCAACATCAACTCGATACCTCTGTCTCCATTGAAGAATGTGTCTCTAAGAA  
AAAGAGCTTTGCGCCTGGGACTATGTACAAGCCCTTTGGGAAGGAAGCAGCTGGGACAATGACTTTGTCC  
CAGTTCCAGACTACATGAAAAAGACCAGGAACTGCTTCTCTCAGGGAATTAGGGCTCAATGAAACTG  
AAATATTGATCTGAAAAAGCCATGTTTCCGGTGAAAAAGAGGACAAAGCTGAGGGCAACTCCCGAAGCAAT  
ACAGAAACGGCTTGAAGATATTAAGAAAGAATCTCAGAGCGCCAGCGCATCCTTTGCTGCCACAGAGG  
TTTTCAAAGAGCAAACAGCTGACCCGAAGAGAAATGGAATTGAGAAGTCTTTATTTTCAGGGAAGTATC  
GTCACCTCTTCTTAAGGCTCTTTATTACCAAGATGAACCCCAAGAAGCAAAAGGTGACCCCATGAA  
CAACCTGGAACATTTTTACCGCGAGACTATAATGAAAAAGCGTCTTGAAGAGTCCAACCTTTGAGAGGT  
GAATCCTTTGCTTGCCACTCACTGGTCTCAGCTGCATCCGTGAGTGGTAGTGGCACAGCTGAGAAGCCAT  
CACTCCTCCAGGACAAGGAAAAACAGGCAGCACAGGGTAAAGGCCCAAGGCTCCATGTGGCAAAGCTTAT  
TGATTTTCCAAGTGAAGCAATATTGGACTGGGCCTAAGACGCTGAAGCAACCAATAGAATTTATCCAGAA  
GATGAGATCCAGAGAAATCGTTTGTGAGGAGGAGATCCGAAACATTCATATGTTTTCTTCATATAATC  
CAGGGGAACCAACAAGGTGCTATATCTGAAGAACCTTAGTCTCGGGTGAAGAAAGAGACCTTATCTC  
ATTATTCGCTCGATTCCAGGAGAAGAAAGGACCCCAATTCAGTTCGCAATGATGACTGGACGCATGAGG  
GGGCAAGCTTTCTCACCTTTCCAATAAAGACATAGCATGGCAAGCACTGCACCAAATTAATGGATATA  
AACTCTATGGGAAAATATTGGTATAGAGTTTGCAAAGAGCAAAAAGCAACAGTCAGCTGTTTCAGCGCTC  
TCCCTTATAACATCTGCTCTGATGGCAGAACAGAAATCAATGGCAGC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_153586
<b>Insert Size:</b>	1242 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<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>
<b>RefSeq:</b>	<a href="#">NM_153586.2</a> , <a href="#">NP_705814.1</a>
<b>RefSeq Size:</b>	5539 bp
<b>RefSeq ORF:</b>	1242 bp
<b>Locus ID:</b>	237073
<b>UniProt ID:</b>	<a href="#">Q8JZV4</a>
<b>Cytogenetics:</b>	X F1
<b>Gene Summary:</b>	May bind RNA.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate exon and uses an upstream start codon, compared to variant 1. The resulting isoform (2) has a shorter and distinct N-terminus, compared to isoform 1. 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.