

Product datasheet for **MC213033**

Rbm41 (NM_001172148) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rbm41 (NM_001172148) 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: >MC213033 representing NM_001172148
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGAGGGTAAATAGCTGTGTGAAGGATGAAGAACATGTCCTGGAGGAAGTGGAAACAGAAGGTGAGA
GGCAGCTCAAGAGCCTCCTTCAACATCAACTCGATACCTCTGTCTCCATTGAAGAATGTGTCTCTAAGAA
AAAGAGCTTTGCGCCTGGGACTATGTACAAGCCCTTTGGGAAGGAAGCAGCTGGGACAATGACTTTGTCC
CAGTTCCAGACTACATGAAAAAGACCAGGAACTGCTTCTCTCAGGGAATTAGGGCTCAATGAAACTG
AAATATTGATCTGAAAAAGCCATGTTTCCGGTAAAAAGAGGACAAAGCTGAGGGCAACTCCCGAAGCAAT
ACAGAAACGGCTTGAAGATATTAAGAAAGAATCTCAGAGCGCCAGCGCATCCTTTGCGCTGCCACAGAGG
TTTTCAAAGAGCAAACAGCTGACCCGAAGAGAAATGGAATTGAGAAGTCTTTATTTTCAGGGAAGTATC
GTCACCTCCTTCTTAAGGCTCTTTATTACCAAGATGAACCCCAAGAAGAAAGGTGACCCCATGAA
CAACCTGGAACATTTTTACCGCGAGACTATAATGAAAAAGCGTCTTGAAGAGTCCAACCTTTGAGAGGT
GAATCCTTTGCTTGCCACTCACTGGTCTCAGCTGCATCCGTGAGTGGTAGTGGCACAGCTGAGAAGCCAT
CACTCCTCCAGGACAAGGAAAAACAGGCAGCACAGGGTAAAGGCCCCAGGCTCCATGTGGCAAAGCTTAT
TGATTTTCCAAGTGAAGCAATATTGGACTGGGCCTAAGACGCTGAAGCAACCAATAGAATTTATCCAGAA
GATGAGATCCAGAGAAATCGTTTGTGAGGAGGAGATCCGAAACATTCTATGTTTTCTTCATATAATC
CAGGGGAACCAACAAGGTGCTATATCTGAAGAACCTTAGTCTCGGGTAAAAGAAAGAGACCTTATCTC
ATTATTCGCTCGATTCCAGGAGAAGAAAGGACCCCAATTCAGTTCGGAATGATGACTGGACGCATGAGG
GGGCAAGCTTTCCTCACCTTTCCAGGGAAGAAATTTCCAGAAGGCCCTGCTATTTTCACTGGGAGTACT
TGACAATTTTCAACTCAGTGGCACTACCACGAATGGTACTGAAGACAGCATCATCTGAACCTTTCAAGCA
GCATGAGCTGAGCTTGGCTT**C****TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001172148
Insert Size:	1215 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:	<u>NM_001172148.1</u> , <u>NP_001165619.1</u>
RefSeq Size:	2229 bp
RefSeq ORF:	1215 bp
Locus ID:	237073
UniProt ID:	<u>Q8JZV4</u>
Cytogenetics:	X F1
Gene Summary:	May bind RNA.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) lacks an alternate exon, uses an upstream start codon, and has a distinct terminal exon, compared to variant 1. The resulting isoform (3) has a shorter and distinct N-terminus and a shorter and distinct C-terminus, compared to isoform 1.