

Product datasheet for **MC227698**

Rbm41 (NM_001290630) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rbm41 (NM_001290630) 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: >MC227698 representing NM_001290630
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGAGGGTAAATAGCTGTGTGAAGGATGAAGAACATGTCCTGGAGGAAGTGGAAACAGAAGGTGAGA
GGCAGCTCAAGAGCCTCCTTCAACATCAACTCGATACCTCTGTCTCCATTGAAGAATGTGTCTCTAAGAA
AAAGAGCTTTGCGCCTGGGACTATGTACAAGCCCTTTGGGAAGGAAGCAGCTGGGACAATGACTTTGTCC
CAGTTCCAGACTACATGAAAAAGACCAGGAACTGCTTCTCTCAGGGAATTAGGGCTCAATGAAACTG
AAATATTGATCTGAAAAAGCCATGTTTCCGGTAAAAAGAGGACAAAGCTGAGGGCAACTCCCAGCAAT
ACAGAAACGGCTTGAAGATATTAAGAAAGAATCTCAGAGCGCCAGCGCATCCTTTGCTGCCACAGAGG
TTTTCAAAGAGCAAACAGCTGACCCGAAGAGAAATGGAATTGAGAAGTCTTTATTTTCAGGGAAGTATC
GTCACCTCCTTCTTAAGGCTCTTTATTACCAAGCATACCAAAAAAGACAAGTGCAGACAAGTACATGAC
CTCAATGAAGAGGAAGATAAAATTAGGCACAAAAGATGAACCCCAAGAAGAACAAGGTGACCCCATG
ACAACCTGGAACATTTTACCAGGAGACTATAATGAAAAAGCGTCTTGAAGAGTTCCAACCTTTTGAGAG
GTGAATCCTTTGCTTGCCTACTCTGGTCTCAGCTGCATCCGTGAGTGGTAGTGGCACAGCTGAGAAGCC
ATCACTCCTCCAGGACAAGGAAAAACAGGCAGCACAGGGTAAAGGCCCCAGGCTCCATGTGGCAAAGCTT
ATTGATTTTCCAACCTGAGCAATATTGGACTGGGCCTAAGACGCTGAAGCAACCAATAGAATTTATCCCAG
AAGATGAGATCCAGAGAAATCGTTTGTGAGGAGGAGATCCGAAACATTCCTATGTTTTCTTCATATAA
TCCAGGGGAACCAACAAGGTGCTATATCTGAAGAACCTTAGTCTCGGGTAAAAGAAAGAGACCTTATC
TCATTATTCGCTCGATTCCAGGAGAAGAAAGGACCACCCATTAGTTCGGAATGATGACTGGACGCATGA
GGGGCAAGCTTTCTCACCTTTCCAATAAAGACATAGCATGGCAAGCACTGCACCAAATTAATGGATA
TAAACTCTATGGGAAAAATTGGTGATAGAGTTTGCAAAGAGCAAAAAGCAACAGTCAGCTGTTCAGCGC
TCTTCCCTATAACATCTGCTCCTGATGGCAGAACAGAAATCAATGGCAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001290630
Insert Size:	1314 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001290630.1</u> , <u>NP_001277559.1</u>
RefSeq Size:	5611 bp
RefSeq ORF:	1314 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 (4) lacks an alternate exon and contains an alternate exon, and uses an upstream start codon, compared to variant 1. The resulting isoform (4) has a distinct N-terminus and is longer than 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.