

Product datasheet for **MC228146**

Rbm47 (NM_001291226) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbm47 (NM_001291226) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rbm47
Synonyms:	9530077J19Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC228146 representing NM_001291226
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTGTGAAGATTCGCCACAGCCATGAACAGCGATCCAACAGTGGGGTCTCCACCAAGGTACCGG
 AGGGTGTGGCGGGCGGCCAATGAGGCTGCACTGTTGGCACTGATAGAGCGCACCGGCTACACCATGGT
 ACAAGAGAACGGGCGAGCGCAAGTACGGTGGACCCCGCCCGGCTGGGAGGGCCCGCATCCCCAGCGTGGC
 TGTGAGGTCTTCGTGGGCAAGATCCCACGTGACGTGTATGAAGATGAGCTGGTGCCTGTGTTGAGACCG
 TAGGTCGCATCTATGAGCTGCGACTCATGATGGATTCGATGGCAAGAACCAGCGGCTATGCCTTCGTGAT
 GTACTGCCACAAGCATGAGGCCAAGCGAGCCGTTCCGGAACTCAACAACACGAGATCCGCCCGGCCGT
 CTGCTGGGTGTGTGTGTAGTGTGGACAACGCGCCTTTCATTGGTGGCATCCCCAAGATGAAGAAGC
 GCGGGGAGATCCTGGAGGAGATCGCCAAGGTACCGAGGGCGTACTCAACGTGATTGTGTATGCCAGTGC
 GGCAGACAAGATGAAAAACCGAGGCTTCGCCTTTGTGGAGTATGAGAGCCATCGTCTGCAGCCATGGCA
 CGCCGCAAGCTCATGCCGGTTCGGATCCAACGTGGGGCCACCAGATTGCTGTGGACTGGGCCGAGCCAG
 AGATTGACGTGGACGAAGATGTGATGCAGACAGTGAAGATCCTCTACGTGCGCAACCTCATGATCGAGAC
 CACCGAGGAGACCATCAAGAAGAGCTTTGGCCAGTTCAACCCAGGCTGCGTGGAAAGGGTCAAGAAGATC
 CGTGACTACGCCCTTCGTGCATTCACAGCCGTGAGGATGCTGTGCATGCATGAACAACCTCAACGGCA
 CAGAGCTGGAGGGATCCTGCTTAGAAGTACGCTGGCCAGCCCGTGGACAAGGAACAGTACTCCCGCTA
 CCAGAAGCGAGCAAGGGTGGTGGTGGCTCGGCTGAGGCCGTAGCGCAGCAACCCAGCTACGTGTACTCC
 TGTGACCCCTACACGTTGGCCTACTACGGCTACCCCTACAACGCTCTCATCGGGCCCAACCGGACTACT
 TCGTGAAAAATGGCCATCCCTGCCATCGGTGCTCAGTACTCCATGTTCCAGGCAGCCCAACCGCCGAAAT
 AATCGAAGATGGCAAGATCCACACAATGGAACACATGATCAGCCCATTCGCGGTGCAGCCTGACCCCGCC
 ACTGCTGCTGCCGCTGCAGCCGCTGCAGCCGCTGCTGCCGTCATTCTGCGGTATCCACACCGCCACCTT
 TCCAGGGCCGTCCAATAACTCCTGTGTACACCGTGGCACCAATGTTTCAGAGAATCCCCACCGCCGGCAT
 CTACGGGGCCAGCTACGTCCCCTTTGCTGCTCCCGCCACTGCCACAATCGCCACACTACAGAAGAAGCC
 GCGGCTGCCGTGTATGGGGGCTACGCCGGTACATACCTCAGGCCTTCCCGCTGCTCTCCAGGTGCCCA
 TCCACGACGTCTACCAGACTTAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001291226
- Insert Size:** 1566 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:

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: [NM_001291226.1](#), [NP_001278155.1](#)

RefSeq Size: 4940 bp

RefSeq ORF: 1566 bp

Locus ID: 245945

UniProt ID: [Q91WT8](#)

Cytogenetics: 5 C3.1