

Product datasheet for **MC216364**

Rbms3 (NM_001172121) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbms3 (NM_001172121) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rbms3
Synonyms:	6720477E09Rik; 8430436O14Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216364 representing NM_001172121
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGGAGGGCGACTTCTCATTCCGAGCAATGCTAATGGAGTCACTCAGTCCAACCCACAGTGAGAG
 CCTATCAAAGCAGCAAGTCACGAGTGACCATGAGCCCTGGTTTCAGCTCCAGTGAGCAACAGCCAACC
 TGCTGGAACACATACTCCTTCCCAAGAGCGAGCTTACACTACCGTCTCATGCCAGCTATACACTGTC
 ACTGGCCACCCCGTGTCTATGCACCAGCTCCCCACCCATGGCTCCTCCAGCCCCAGCACAAACAGCA
 GCAGCAACAGCAGCGGGGAACAGTTGAGTAAGACAAACCTATACATCCGAGGACTTCCACCAGGCCAC
 TGACCAGGACCTCATCAAGCTATGTCAACCGTATGAAAAATCGTATCCACAAAGGCAATTCTTGACAAG
 AATACGAATCAGTGCAAAGGTTATGGTTTTGTAGATTTTGATAGTCTGCAGCCGCACAGAAAGCAGTGG
 CGTCCTTGAAGGCAAATGGCGTGAAGCACAGATGGCCAAGCAACAAGAGCAAGACCCTACGAATCTATA
 CATCTCAAACCTCCCATCTCCATGGATGAGCAGGAGCTGGAGAACATGCTAAAGCCCTTTGGACACGTG
 ATATCCACCAGAATCCTGAGGGATGCTAACGGAGTCAGCAGGGCGTGGCTTTGCCAGAATGGAGTCTA
 CGGAAAAATGTGAAGTGGTGATTCAACATTTTAAATGAAAAATATCTGAAAAACACCACCAGGCATCCCAGC
 CCCCAGTGAGCCTTTGCTGTGCAAGTTTGTGACGGAGGACAGAAAGAGACAGGGTCCAGCAAGCAC
 ACCCAGAACGGGAGGCCATGGCCAGAGAAGGAGAGGCTGGCATGGCTCTGACCTATGACCCACAGCTG
 CCCTACAGAACGGATTTTATTCTTACCCTACAGTCTCGCAACCAACCCGATGATCCCACAGACATCTAT
 CACGCCCTTATTGCCGTTCCCTGTCTCCACATACCAGGTGCTGTGATCACACCCGCGTGGACCAC
 CCCATGTCAATGCAGCCAACTAACATCGTGGTCCCCTGACGCAGCAGATGAACCATCTTCCCTGGGGA
 CAGCAGGAACGATTCAATCCCAAGACAGAATTATGGTACTTACCAGCTGTTATGTCAGTATGACTGTC
 TGCTCCTATGCAAGGGACCTACATTCGCCAGTACACGCCTGTGCCTCCGACAGCTGTTTCTATTGAAGGT
 GTTGTGCTGATACCTCTCCCAGACGGTGGCCCTCATCCCAGGACAGCAGTGGTCAGCAGCAACAGT
 TAGCAGTGGACACACCCAGTGAACACGCACCGGCATACTCCTTCCAACAGTCCAAACCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001172121
- Insert Size:** 1392 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:**
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_001172121.1](#), [NP_001165592.1](#)

RefSeq Size: 7409 bp

RefSeq ORF: 1392 bp

Locus ID: 207181

UniProt ID: [Q8BWL5](#)

Cytogenetics: 9 F3

Gene Summary: Binds poly(A) and poly(U) oligoribonucleotides.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (4) encodes the longest protein (isoform 4). 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.