

## Product datasheet for MR215831

### Rbms3 (NM\_178660) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rbms3 (NM\_178660) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Rbms3  
**Synonyms:** 6720477E09Rik; 8430436O14Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >MR215831 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGCAAACGCCTGGATCAGCCACAAATGTACCCCCAGTACACGTA  
CTACTGTCTCCTCAGTACCTCCAAA  
CCAAGCAGTCTATGCACCAGCTCCCCACCCATGGCTCCTCCAGCCCCAGCACA  
AACAGCAGCAGCAA  
CAGCAGCGGGGAACAGTTGAGTAAGACAAACCTATACATCCGAGGACTTCCACCAGGCACCACTGACCAG  
GACCTCATCAAGCTATGTCAACCGTATGGAAAAATCGTATCCACAAAGGCAATTCTTGACAAGAATACGA  
ATCAGTGCAAAGGTTATGGTTTTGTAGTTTTGTAGTCTGCAGCCGCACAGAAAGCAGTGGCGTCCTT  
GAAGGCAAATGGCGTGCAAGCACAGATGGCCAAGCAACAAGAGCAAGACCCTACGAATCTATACATCTCA  
AACCTTCCCATCTCCATGGATGAGCAGGAGCTGGAGAACATGCTAAAGCCCTTTGGACACGTGATATCCA  
CCAGAATCCTGAGGGATGCTAACGGAGTCAGCAGGGGCGTTGGCTTTGCCAGAATGGAGTCTACGGAAAA  
ATGTGAAGTGGTGATTCAACATTTAATGGAAAAATCTGAAAACACCACCAGGCATCCCAGCCCCCAGT  
GAGCCTTTGCTGTGCAAGTTTGTGACGGAGGACAGAAGAAGAGACAGGGTCAGAGCAAGCACACCCAGA  
ACGGGAGGCCATGGCCCAGAGAAGGAGAGGCTGGCATGGCTCTGACCTATGACCCACAGCTGCCATACA  
GAACGGATTTTATTCTTACCGTACAGTCTCGCAACCAACCGCATGATCCACAGACATCTATCACGCC  
TTCATTGCCGCTTCCCCTGTCTCCACATACCAGGGTGTGTGATCACACCCGCCGTGGACCACCCCATGT  
CAATGCAGCCAACATAACATCGTGGGTCCCCTGACGCAGCAGATGAACCATCTTCCCTGGGGACAGCAGG  
AACGATTCATCCCAAGACAGAATTATGGTACTTCACCAGCTGTTATGTCAGTATATGACTGCTGCTCCT  
ATGCAAGGGACCTACATTCACCCAGTACACGCCTGTGCCTCCGACAGCTGTTTCTATTGAAGGTGTTGTTG  
CTGATACCTCTCCCAGACGGTGGCCCCCTCATCCAGGACAGCAGTGGTCAGCAGCAACAGTTAGCAGT  
GGACACACCCAGTGAACACGCACCGGCATACTCCTTCCAACAGTCCAAACCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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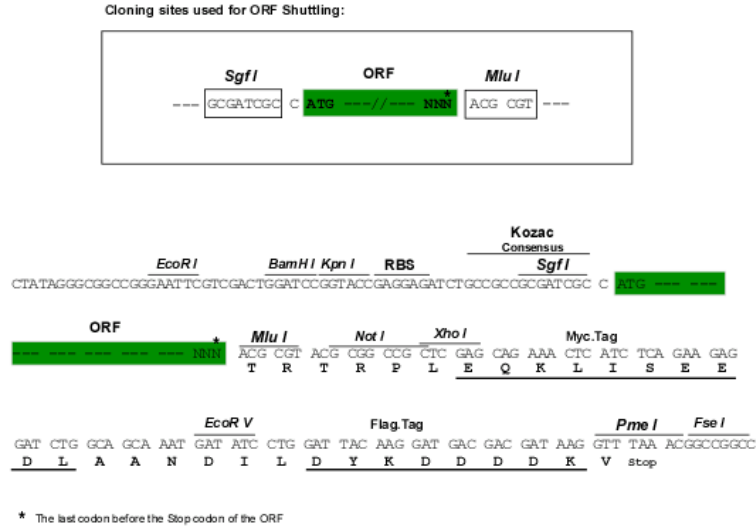
**Protein Sequence:** >MR215831 protein sequence  
Red=Cloning site Green=Tags(s)

MGKRLDQPMYPQYTYPCQYLQTKQSYAPAPHPMAPPSPSTNSSSSNSSGEQLSKTNLYIRGLPPGTDDQ  
DLIKLCQPYGKI VSTKAILDKNTNQCKGYGFVDFDSPAQQAVASLKANGVQAQMAKQQEQDPTNLYIS  
NLPISMDEQELENMLKPFVGHVISTRILRDANGVSRGVGFARMESTEKCEVVIQHFNGKYLKTPPGIPAPS  
EPLLCKFADGGQKKRQGQSKHTQNGRPWPREGAEMALTYDPTAALQNGFYSSPYSLATNRMIPQTSITP  
FIAASPVSTYQGAVITPAVDHPMSMQPTNIVGPLTQQMNHLSLGTAGTIQSQDRIMVLHQLLCQYMTAAP  
MQGTYIPQYTPVPTAVSIEGVVADTSPQTVPASSQDSSGQQQLAVDTPSEHAPAYSFQQSKP

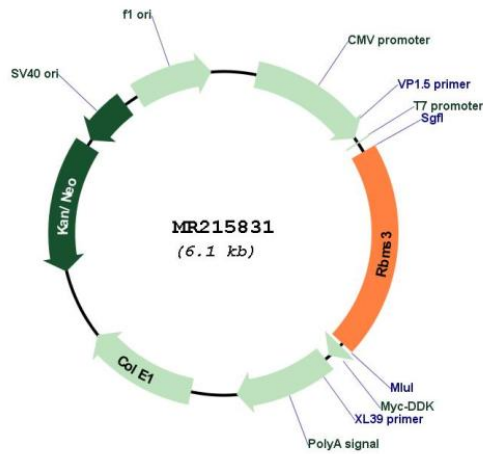
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



ACCN: NM\_178660

<b>ORF Size:</b>	1242 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_178660.4</a> , <a href="#">NP_848775.2</a>
<b>RefSeq Size:</b>	7881 bp
<b>RefSeq ORF:</b>	1245 bp
<b>Locus ID:</b>	207181
<b>UniProt ID:</b>	<a href="#">Q8BWL5</a>
<b>Cytogenetics:</b>	9 F3
<b>MW:</b>	45 kDa
<b>Gene Summary:</b>	Binds poly(A) and poly(U) oligoribonucleotides.[UniProtKB/Swiss-Prot Function]