

Product datasheet for **MG217422**

Rbms3 (NM_001172124) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rbms3 (NM_001172124) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Rbms3
Synonyms: 6720477E09Rik; 8430436O14Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG217422 representing NM_001172124
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCAAACGCCTGGATCAGCCACAAATGTACCCCAAGTACACGTAATACTGTCTCAGTACCTCCAAA
CCAAGCAGTCTATGCACCAGCTCCCCACCCATGGCTCTCCAGCCCCAGCACAAACAGCAGCAGCAA
CAGCAGCGGGAACAGTTGAGTAAGACAAACCTATACATCCGAGGACTTCCACCAGGCACCACTGACCAG
GACCTCATCAAGCTATGTCAACCGTATGGAAAAATCGTATCCACAAAGGCAATTCCTGACAAGAATACGA
ATCAGTGCAAAGTTATGGTTTTGTAGATTTTGATAGTCTGCAGCCGCACAGAAAGCAGTGGCGTCCTT
GAAGGCAAATGGCGTGAAGCACAGATGGCCAAGCAACAAGAGCAAGACCCTACGAATCTATACATCTCA
AACCTTCCCATCTCCATGGATGAGCAGGAGCTGGAGAACATGCTAAAGCCCTTTGGACACGTGATATCCA
CCAGAATCCTGAGGGATGCTAACGGAGTCAGCAGGGGCGTTGGCTTTGCCAGAATGGAGTCTACGGAAAA
ATGTGAAGTGGTATTCAACATTTTAAATGGAAAAATATCTGAAAACACCACCAGGCATCCCAGCCCCAGT
GAGCCTTTGCTGTGCAAGTTTGTGACGGAGGACAGAAGAAGAGACAGGGTCAGAGCAAGCACACCCAGA
ACGGGAGGCCATGGCCCAGAGAAGGAGAGGCTGGCATGGCTCTGACCTATGACCCACAGCTGCCCTACA
GAACGGATTTTATTCTTACCCTACAGTCTCGCAACCAACCGCATGATCCACAGACATCTATCACGCCC
TTCATTGCCGCTTCCCCTGTCTCCACATACCAGTCCAGAGTCATGGACGCCACACCTGCCATACA
TTATGCAACCAACAGGTGCTGTGATCACACCCGCGTGGACCACCCCATGTCAATGCAGCCAACAAACAT
CGTGGGTCCCCTGACGCAGCAGATGAACCATCTTCCCTGGGGACAGCAGGAACGATTCAATCCCAAGAC
AGAATTATGGTACTTACCAGCTGTTATGTGAGTATATGACTGCTGCTCTATGCAAGGGACCTACATTC
CCCAGTACAGCCTGTGCCTCCGACAGCTGTTTCTATTGAAACCATAGACAGAAGTGAGGATGTCTGCCT
GAACCTTTACCTCAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG217422 representing NM_001172124
Red=Cloning site Green=Tags(s)

MGKRLDQPQMYPQYTYPCQYLQTKQSYAPAPHPMAPPSPSTNSSNSSSGEQLSKTNLYIRGLPPGTTDQ
 DLIKLCQPYGKIIVSTKAILDKNTNQCKGYGFVDFDSPAQAQKAVASLKANGVQAQMAKQQEQDPTNLYIS
 NLPISMDEQELENMLKPFQGHVISTRILRDANGVSRGVGFARMESTEKCEVVIQHFNGKYLKTPPGIPAPS
 EPLLCKFADGGQKKRQGQSKHTQNGRPWPREGAGMALTYDPTAALQNGFYSSPYSLATNRMIPQTSITP
 FIAASPVSTYQVQSTSWTPHLPYIMQPTGAVITPAVDHPMSMQPTNIVGPLTQQMNHLSLGTAGTIQSQD
 RIMVLHQLLCQYMTAAPMQGTYIPQYTPVPPTAVSIETIDRSEDVCLNLYLQ

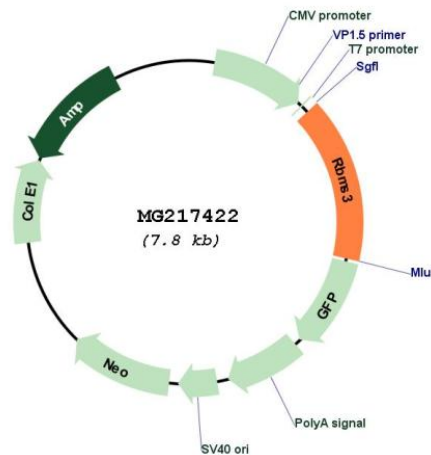
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001172124

ORF Size:	1206 bp
OTI Disclaimer:	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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001172124.1 , NP_001165595.1
RefSeq Size:	7804 bp
RefSeq ORF:	1209 bp
Locus ID:	207181
UniProt ID:	Q8BWL5
Cytogenetics:	9 F3
Gene Summary:	Binds poly(A) and poly(U) oligoribonucleotides.[UniProtKB/Swiss-Prot Function]