

Product datasheet for **MG215844**

Rbms3 (NM_001172122) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rbms3 (NM_001172122) 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: >MG215844 representing NM_001172122
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCAAACGCCTGGATCAGCCACAAATGTACCCCCAGTACACGTA
 CCAAGCAGTCTATGCACCAGCTCCCCACCCATGGCTCTCCAGCCCCAGCACA
 CAGCAGCGGGAACAGTTGAGTAAGACAAACCTATACATCCGAGGACTTCCACCAGGC
 GACCTCATCAAGCTATGTCAACCGTATGGAAAAATCGTATCCACAAAGGCAATTC
 ATCAGTGCAAAGTTATGGTTTTGTAGATTTTGATAGTCTGCAGCCGCACAGAAAGCAGTGGCGT
 GAAGGCAAATGGCGTGAAGCACAGATGGCCAAGCAACAAGAGCAAGACCCTACGAATCTATACATCTCA
 AACCTTCCCATCTCCATGGATGAGCAGGAGCTGGAGAACATGCTAAAGCCCTTTGGACACGTGATATCCA
 CCAGAATCCTGAGGGATGCTAACGGAGTCAGCAGGGGCGTTGGCTTTGCCAGAATGGAGTCTACGGAAAA
 ATGTGAAGTGGTATTCAACATTTTAAATGGAAAAATATCTGAAAACACCACCAGGCATCCCAGCCCCAGT
 GAGCCTTTGCTGTGCAAGTTTGTGACGGAGGACAGAAGAAGAGACAGGGTCAGAGCAAGCACACCCAGA
 ACGGGAGGCCATGGCCCAGAGAAGGAGAGGCTGGCATGGCTCTGACCTATGACCCACAGCTGCCCTACA
 GAACGGATTTTATTCTTACCCTACAGTCTCGCAACCAACCGCATGATCCACAGACATCTATCACGCCC
 TTCATTGCCGCTTCCCCTGTCTCCACATACCAGTCCAGAGTCATGGACGCCACACCTGCCATACA
 TTATGCAACCAACAGGTGCTGTGATCACACCCGCGTGGACCACCCATGTCAATGCAGCCAACCTAACAT
 CGTGGGTCCCCTGACGCAGCAGATGAACCATCTTTCCCTGGGGACAGCAGGAACGTATATGACTGCTGCT
 CCTATGCAAGGGACCTACATTCCCAGTACACGCTGTGCCTCCGACAGCTGTTTCTATTGAAGGTGTTG
 TTGCTGATACCTCTCCCCAGACGGTGGCCCCCTCATCCCAGGACAGCAGTGGTCAGCAGCAACAGTTAGC
 AGTGGACACACCCAGTGAACACGCACCGGCATACTCCTTCCAACAGTCCAAACCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG215844 representing NM_001172122
Red=Cloning site Green=Tags(s)

MGKRLDQPQMYYPQYTYCPQYLQTKQSYAPAPHPMAPPSPSTNSSNSSSGEQLSKTNLYIRGLPPGTTDQ
 DLIKLCQPYGKIVSTKAILDKNTNQCKGYGFVDFDSPAQAQKAVASLKANGVQAQMAKQQEQDPTNLYIS
 NLPISMDEQELENMLKPFQGHVISTRILRDANGVSRGVGFARMESTEKCEVVIQHFNGKYLKTPPGIPAPS
 EPLLCKFADGGQKKRQGQSKHTQNGRPWPREGAGMALTYDPTAALQNGFYSSPYSLATNRMIPQTSITP
 FIAASPSTYQVQSTSWTPHLPYIMQPTGAVITPAVDHPMSMQPTNIVGPLTQQMNHLSLGTAGTYMTAA
 PMQGTYPQYTPVPPTAVSIEGVVADTSPQTVAPSSQDSSGQQQLAVDTPSEHAPAYSFQQSKP

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001172122

ORF Size: 1245 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:

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_001172122.1](#), [NP_001165593.1](#)

RefSeq Size: 7884 bp

RefSeq ORF: 1248 bp

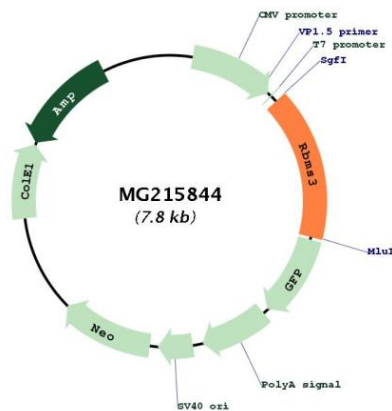
Locus ID: 207181

UniProt ID: [Q8BWL5](#)

Cytogenetics: 9 F3

Gene Summary: Binds poly(A) and poly(U) oligoribonucleotides.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG215844