

Product datasheet for **MR215848**

Rbms3 (NM_001172123) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Rbms3 (NM_001172123) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Rbms3 |
| Synonyms: | 6720477E09Rik; 8430436O14Rik |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>MR215848 representing NM_001172123
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCAAACGCCTGGATCAGCCACAAATGTACCCCACTACACGTACTACTGTCTCAGTACCTCCAAA
 CCAAGCAGTCCTATGCACCAGCTCCCCACCCATGGCTCCTCCCAGCCCCAGCACAAACAGCAGCAGCAA
 CAGCAGCGGGGAACAGTTGAGTAAGACAAACCTATACATCCGAGGACTTCCACCAGGCACCACTGACCAG
 GACCTCATCAAGCTATGTCAACCGTATGGAAAAATCGTATCCACAAAGGCAATTCTTGACAAGAATACGA
 ATCAGTGCAAAGTTATGGTTTTGTAGATTTTGTAGTCTGCAGCCGCACAGAAAGCAGTGGCGTCCTT
 GAAGGCAAATGGCGTCAAGCACAGATGGCCAAGCAACAAGACCAAGACCCTACGAATCTATACATCTCA
 AACCTTCCATCTCCATGGATGAGCAGGAGCTGGAGAACATGCTAAAGCCCTTTGGACACGTGATATCCA
 CCAGAATCCTGAGGGATGCTAACGGAGTACAGGGGCGTTGGCTTTGCCAGAATGGAGTCTACGGAAAA
 ATGTGAAGTGGTATTCAACATTTAATGGAAAAATCTGAAAAACACCACAGGCATCCCAGCCCCCAGT
 GAGCCTTTGCTGTGCAAGTTTGCTGACGGAGGACAGAAGAAGAGACAGGGTCAGAGCAAGCACACCCAGA
 ACGGGAGGCCATGGCCCAGAGAAGGAGAGGCTGGCATGGCTCTGACCTATGACCCACAGCTGCCCTACA
 GAACGGATTTTATTCTTACCAGTACAGTCTCGCAACCAACCGCATGATCCACAGACATCTATCACGCC
 TTCATTGGCCGTTCCCCTGTCTCCACATACCAGGTCCAGAGCAGTCATGGACGCCACACCTGCCATACA
 TTATGCAACCAACAGGTGCTGTGATCACACCCGCCGTGGACCACCCCATGTCAATGCAGCCAACCTAACAT
 CGTGGGTCCTGACGCAGCAGATGAACCATCTTCCCTGGGGACAGCAGGAACGATTCAATCCCAAGAC
 AGAATTTGGTACTTACCAGCTGTTATGTCAGTATATGACTGCTGCTCCTATGCAAGGGACCTACATTC
 CCCAGTACAGCCTGTGCCTCCGACAGCTGTTTCTATTGAAGGTGTTGTTGCTGATACCTCTCCCAGAC
 GGTGGCCCTCATCCCAGGACAGCAGTGGTCAGCAGCAACAGTTAGCAGTGGACACACCCAGTGAACAC
 GCACCGGCATACTCCTTCCAACAGTCCAAACCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR215848 representing NM_001172123
 Red=Cloning site Green=Tags(s)

MGKRLDQPMYPQYTYCPQYLQTKQSYAPAPHPMAPPSPSTNSSNSSGQLSKTNLYIRGLPPGTTDQ
 DLIKLCQPYGKIVSTKAILDKNTNQCKGYGFVDFDSPAQAQKAVASLKANGVQAQMAKQQEQDPTNLYIS
 NLPISMDEQELNMLKPFVGHVISTRILRDANGVSRGVGFARMESTEKCEVVIQHFNGKYLKTPPGIPAPS
 EPLLCKFADGGQKKRQGQSKHTQNGRPWPREGAGMALTYDPTAALQNGFYSSPYSLATNRMIPQTSITP
 FIAASPVSTYQVQSTSWTPHLPYIMQPTGAVITPAVDHPMSMQPTNIVGPLTQQMNHLSLGTAGTIQSQD
 RIMVLHQLLCQYMTAAPMQGTYPQYTPVPPTAVSIEGVVADTSPQTVAPSSQDSSGQQQLAVDTPSEH
 APAYSFQQSKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001172123

ORF Size: 1293 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_001172123.1](#), [NP_001165594.1](#)

RefSeq Size: 7932 bp

RefSeq ORF: 1296 bp

Locus ID: 207181

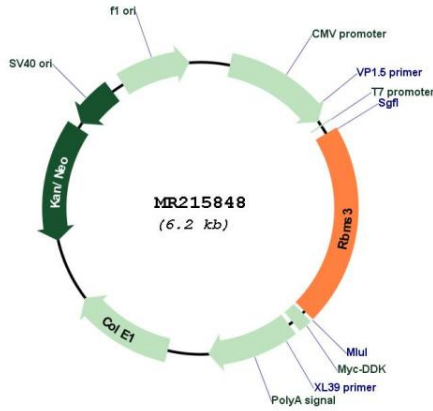
UniProt ID: [Q8BWL5](#)

Cytogenetics: 9 F3

MW: 47.4 kDa

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

Product images:



Circular map for MR215848