

Product datasheet for MR217432

Rbms3 (NM_001172126) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rbms3 (NM_001172126) 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)
ORF Nucleotide Sequence: >MR217432 representing NM_001172126
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCAAACGCCTGGATCAGCCACAAATGTACCCCAAGTACACGTAATACTGTCTCAGTACCTCCAAA
 CCAAGCAGTCTATGCACCAGCTCCCCACCCATGGCTCTCCAGCCCCAGCACAAACAGCAGCAGCAA
 CAGCAGCGGGAACAGTTGAGTAAGACAAACCTATACATCCGAGGACTTCCACCAGGCACCACTGACCAG
 GACCTCATCAAGCTATGTCAACCGTATGGAAAAATCGTATCCACAAAGGCAATCTTGACAAGAATACGA
 ATCAGTGCAAAGTTATGGTTTTGTAGATTTTGATAGTCTGCAGCCGCACAGAAAGCAGTGGCGTCCTT
 GAAGGCAAATGGCGTGCAAGCACAGATGGCCAAGCAACAAGAGCAAGACCCTACGAATCTATACATCTCA
 AACCTTCCCATCTCCATGGATGAGCAGGAGCTGGAGAATGCTAAAGCCCTTTGGACACGTGATATCCA
 CCAGAATCCTGAGGGATGCTAACGGAGTCAGCAGGGGCGTTGGCTTTGCCAGAATGGAGTCTACGGAAAA
 ATGTGAAGTGGTATTCAACATTTTAAATGGAAAAATATCTGAAAACACCACCAGGCATCCCAGCCCCAGT
 GAGCCTTTGCTGTGCAAGTTTGTGACGGAGGACAGAAGAAGAGACAGGGTCAGAGCAAGCACACCCAGA
 ACGGGAGGCCATGGCCCAGAGAAGGAGAGGCTGGCATGGCTCTGACCTATGACCCACAGCTGCCCTACA
 GAACGGATTTTATTCTTACCCTACAGTCTCGCAACCAACCGCATGATCCACAGACATCTATCACGCCC
 TTCATTGCCGCTTCCCCTGTCTCCACATACCAGTCCAGAGCAGTCATGGACGCCACACCTGCCATACA
 TTATGCAACCAACAGGTGCTGTGATCACACCCGCGTGGACCACCCCATGTCAATGCAGCCAACCTAACAT
 CGTGGGTCCCCTGACGCAGCAGATGAACCATCTTTCCCTGGGGACAGCAGGAACGTATATGACTGTGCT
 CCTATGCAAGGGACCTACATTCCCAGTACAGCCTGTGCCTCCGACAGCTGTTTCTATTGAAACCATAG
 ACAGAAGTGAGGATGTCTGCCTGAACCTTTACCTTCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR217432 representing NM_001172126
Red=Cloning site Green=Tags(s)

MGKRLDQPQMYPYTYCPQYLQTKQSYAPAPHPMAPPSPSTNSSSSSSGEQLSKTNLYIRGLPPGTTDQ
 DLIKLCQPYGKIVSTKAILDKNTNQCKGYGFVDFDSPAQAQKAVASLKANGVQAQMAKQQEQDPTNLYIS
 NLPISMDEQELENMLKPFVGHVISTRILRDANGVSRGVGFARMESTEKCEVVIQHFNKYLKTPPGIPAPS
 EPLLCKFADGGQKKRQGQSKHTQNGRPWPREGAGMALTYDPTAALQNGFYSSPYSLATNRMIPQTSITP
 FIAASPVSTYQVQSTSWTPHLPYIMQPTGAVITPAVDHPMSMQPTNIVGLPTQQMNHLSLGTAGTYMTAA
 PMQGTYIPQYTPVPTAVSIETIDRSEDVCLNLYLQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001172126

ORF Size: 1158 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_001172126.1](#), [NP_001165597.1](#)

RefSeq Size: 7756 bp

RefSeq ORF: 1161 bp

Locus ID: 207181

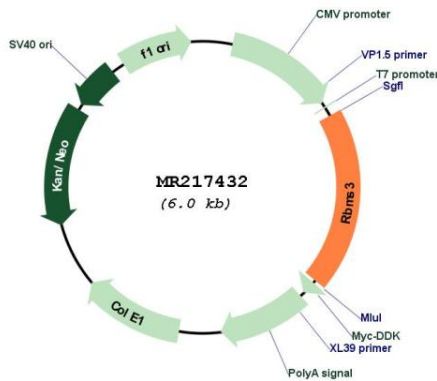
UniProt ID: [Q8BWL5](#)

Cytogenetics: 9 F3

MW: 42.7 kDa

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

Product images:



Circular map for MR217432