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Product datasheet for MC204071

Rbms1 (NM_020296) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbms1 (NM_020296) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rbms1
Synonyms:	2600014B10Rik; AI255215; MSSP-1; MSSP-2; MSSP-3; YC1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>BC016501
GCACCGAGCGCAGCCGCCGCTGCCGCCGTACTTTCCACTTGTATTGATCACTCCTAGCTGGGCTCAGCCT
GCTCCCGGAGCGCTGCGCGGCCAGAGCGCCAGCCCTTGGCAGCTCGGGTACAGTCGGGCTCCCAGAGGAA
ACTCCTTGGGAGCGCCCTGTCCGGGGTGTCCTCTGCGCTCTGCAGTGTCTTTCTGTCTGCCTGGAAGGAG
GAGGAGGAGGAGAAGGAGGAGGAGGAAGAGCAGAAGGAGGAGGAGGAGGTGGAGGAGGAGGACGTCGTCT
GGTCCCGGTTGGGAGGTGGAGCAGTGGCAGCAGCAGCCGCCGAGGCAGCCGCCGCCGCCGCCTCCGGAAA
GGGAGAGGCAGGAGAGATCGGGACTTGGAAAACCCAAAGTGTCGGCGACCCTGCAAGGCAGGCTTCCTTC
CAGCTTCATGGGCAAAGTGTGGAAACAACAGATGTACCCTCAGTACGCCACCTATTACTACCCCCAGTAT
CTGCAAGCCAAGCAGTCTCTGGTCCCAGCACACCCCATGGCCCCACCCAGTCCCAGCACCACCAGCAGTA
ATAACAACAGTAGCAGCAGTAGCAACTCAGGATGGGATCAGCTGAGCAAGACAAACCTCTACATCCGAGG
CCTGCCCCCCAATACCACTGATCAAGACCTGGTGAAGCTCTGCCAACCATATGGGAAGATCGTGTCCACA
AAGGCGATTTTGGATAAGGCCACCAACAAGTGCAAAGGTTATGGTTTTGTTGACTTTGACAGTCCTGCAG
CAGCCCAGAAAGCTGTCTCCGCCCTGAAGGCGAATGGAGTCCAGGCTCAGATGGCAAAGCAACAGGAACA
AGATCCTACCAACCTGTACATTTCTAACCTGCCGCTGTCCATGGATGAGCAGGAACTTGAAAATATGCTC
AAACCCTTTGGACAAGTTATTTCTACAAGGGTCCTACGTGATTCCAGTGGTGCCAGCCGTGGTGTTGGCT
TTGCCAGGATGGAATCAACGGAAAAATGCGAAGCTGTAATTGGTCATTTTAATGGAAAATTCATCAAGAC
CCCACCAGGAGTTTCTGCTCCTACAGAACCTTTACTGTGCAAGTTTGCGGATGGAGGACAGAAAAAGAGA
CAGAACCCAAACAAGTACATCCCTAACGGGCGGCCATGGCCCAGAGATGGAGAGGCTGGAATGACACTCA
CTTATGACCCGACTACAGCTGCTCTACACAACGGATTTTATCCTTCACCATACAGTATTGCCACAAACCG
AATGATCACTCAAACTTCTCTTACACCCTATATTGCATCTCCTGTATCTGCCTACCAGGTGCAGAGCCCC
TCTTGGATGCAGCCTCAGCCGTACATTCTGCAGCATCCTGGTGCCGTGTTAACTCCCTCAATGGAACATA
CCATGTCACTACAACCTGCTTCCATGATCAGCCCTCTGGCTCAGCAGATGAGTCATCTGTCACTGGGCAG
CACCGGAACATACATGCCTGCAACATCAGCCATGCAAGGAGCCTACTTGCCACAGTATACACACATGCAG
ACCGCGGCGGTGCCCGTTGAGGAAGCAAGTGGCCAGCAGCAGGTGGCTGTGGAGACGTCTAATGACCATT
CTCCATATACCTTTCCACCCAATAAGTAACTGTGAGATGTACCGAAGGGAGTTCTTACCTGAAGAAGGGT
GTGAAGGCTGAACAATCATGGATTTTTCTGATCAATTGTGCTTTAGGAAATTATTGACAGTTTTGCACAG
GTTCTTGAAAACGTTATTTATAATGAAATCAACTAAAACTATTTTTGCTATAAGTTCTATAAGGTGCATA
AAACCCTTAAATTCATCTAGTAGCTGTTCCCCTGAACAGGTTTATTTTAGTAAAAAACAAAAACAAAACG
AAAAAAAAAAAAAAAAAACGGAAAAAAAATCAAAGATTTTTATCAAATATAATGATGCAAAAAAAAAAAA A

Restriction Sites: RsrII-NotI

ACCN: NM_020296

Insert Size: 1113 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:	BC016501, AAH16501
RefSeq Size:	1961 bp
RefSeq ORF:	1113 bp
Locus ID:	56878
UniProt ID:	Q91W59
Cytogenetics:	2 C1.2
Gene Summary:	Single-stranded DNA binding protein that interacts with the region upstream of the MYC gene. Binds specifically to the DNA sequence motif 5'-[AT]CT[AT][AT]T-3'. Probably has a role in DNA replication.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) has a different 5' UTR and 5' coding region and lacks an in-frame exon in the 3' coding region, compared to variant 1. The encoded protein (isoform 3) has a distinct N-terminus and a shorter C-terminus, compared to isoform 1.