

Product datasheet for **MC204003**

Rmnd1 (NM_025343) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rmnd1 (NM_025343) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rmnd1
Synonyms:	0610042C05Rik; AA408137; AI462664; AW536662
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC027299
 CGCGTGGGCGTCGCGGTCGCTCTCCGCGCACAGCATTAGCAGAGACACGTTTCTGAGACACCCGACTA
 TGTGACACTCTGATTTACAGCCCTGACTTCCCCACCTGTGGAACGTGTAGGATCGTTTGCCTAAGATGC
 GACCATGCCATCCAGGCTTCTCCACACCCTGGCAAGTTTACACAGCATATCAGCAAAGGCTCATCAGTGC
 CAGAGACTTACTTGGCTTACATTAAGACCCTTAGGAAATCTGAAAGTACAACATGCCACAATGGCCTGA
 CAATACAGCAACATTTACACTCATTCTTTCCAAGTATAACAGCTGACAGTTTGAATAAGCCAGAGCGGCT
 GGAAATGAGCCGGTAAACATGGGACACAAGCAGACTCTTCCGTTAAATGCTGTCCATTGGTTGGACGGC
 AAAGAACACTGGCCAAGCATGCACCCCTTTGGGACTCACAGGAGCATGACCCACAACCAATCTCTTGT
 GTTCTAAGTGTTTATAAAAGCAGTAAAGAGGCATCACTCAACTGTATCAAATGAAGCACTTGTCCCAA
 ACAAGACCTTCCGAGATCAAGAGGCGCTGAAAGCATCCCGACCCGGCAGCCATCCAGGACCAACCTT
 CCAGATCTGTCTGTAATGAGGACCTGATGCAGTGCACAGCATTGCAACCGCAGATGAGTATCACCTGG
 GAAGTCTGTCTCAAGAGCTGGTCTCTGTGGCTATGTGGAAGTGACAAGCCTGCCTAGAGATGCAGCAA
 TATTTTGGTGATGGGTGTGAAAGTTCTGCAAAAGAAGGTGATCCCGAACAATATTCTTGTTCAGGGAA
 GGAGCTGTGTCTTGGAAATGTAAAAGAAAAAATATGAAGCACGTGATGCAAGTTCTAGAGAGACACG
 AAACCCAGCCCTATGAGGTGGCTCTCGTTCCTGGGAGAACGAAGAACTCAACTACATAAAGACAGAGGG
 ACAATCAAAACTGCACAGAGGGGAAATCAAGCTAAACTCTGAGCTGGACTTGGATGACGCCATTCTAGAG
 AAATTTGCGTTCTCAACGCTCTCTGCCTCTCAGTGAAGCTGGCTATTTGGGAAGCAACCTGGACAAT
 TTATTGAGTCTATTAGTCCATTCCAGAGGCATTAAGCTGGGAAGAAAGTCAAAGTGTCTATAAAGA
 AGTTATGCAGAAAATGGGTGAGCTCTTGGCCCTCAGGCACCGAATAAACCTGAGCTCAGATTTCTTGATC
 ACCCCTGACTTCTACTGGGACAGAGCAAACCTGGAAGAGCTTTATGACAAGACCTGCCAGTTCTTAGCA
 TCACCGAAGAGTTAAGGTATGAATGAAAACTGCAGCACTGCATGGAACCTAACAGACCTAATGCGGAA
 TCACCTCAATGAGAAGCGAGCACTCCGCTTGGAGTGGATGATCGTCATCCTCATCACCATTGAGGTAATG
 TTTGAGCTGGGGAGAGTCTTCTTCTGACCTTGTGATCATGAAAGCACCACTGGCAAGAGAGAAGTCAA
 GTTCTGAACAGCAAGCCAGCGTTCACACTGCTGACTCTTACTCTACCCTTTAAGTCAAGGGGCTGTC
 AGTGCGCAGGGGACACCTAGAACCTCAGGAAGCTGAAGCAGGAGATCCTGATGTCCAGAGCAGCCCT
 GGCTACACAGAGAAACGCACTCATCTGCACTGGAAAAGCAGAGGCAGACTGCCAGTTTGGAGCCAAC
 AATAACACAGCAGAACTGTCTCAAATAAAACACAATGACATAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_025343

Insert Size: 1353 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: [BC027299](#), [AAH27299](#)

RefSeq Size: 1839 bp

RefSeq ORF: 1353 bp

Locus ID: 66084

UniProt ID: [Q8CI78](#)

Cytogenetics: 10 A1

Gene Summary: Required for mitochondrial translation, possibly by coordinating the assembly or maintenance of the mitochondrial ribosome.[UniProtKB/Swiss-Prot Function]