

Product datasheet for MC200249

Rcl1 (NM_021525) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rcl1 (NM_021525) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rcl1
Synonyms:	2310040A02Rik; AI789745; C76567; Rnac; RPCL1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC004574 sequence for NM_021525
 CTGCCTTGGTCTGGTCGCGCTCCGGGTCCTCGGGCTCTGCGGACGGCGGCACATGGCGACCCAGGCGC
 ACTCACTCAGTACGCGGGGTGAACCTTTCGCGCCAGCGGCTGGTCCTGTCCACCTGAGCGGGCGACC
 GGTCAAGATCCGCGAGGATTCGCGCCAGGACGACAACCCGGGCTCCGAGATTTTGAAGCAAGCTTTATA
 AGGCTATTGGATAAAAATAACCAATGGTTCTCGAATTGAAATCAACCAAACAGGAACCTACTTATACTACC
 AGCCTGGCCTCTGTATGGCGGGTCTGTGGAGCAGACTGCAGTGTCTCCGTGGCATTGGCTATTACCT
 GGAAGCTCTGCTTTCGCTGGCTCCGTTTATGAAACACCCATTAATAATCGTTCTGCGAGGAGTGACCAAT
 GACCAGTTGACCCTTCGGTTGATGTTCTTAAAGCGACAGCGCTCCCTCTACTGAAACAGTTTGGGATCG
 ATGGAGAATCATTTGAGCTAAAGATCTTTCGCTCGGGGAATGCCCTGGAGGAGGGGGCGAAGTGTCTTT
 CTCGTGCCCTGTGAGGAAGTCTGAAGCTGTCCAGCTCACAGACCCAGGAAAAATCAAGCGGATCAGA
 GGAATGGCGTACTCAGTTCGTGTATCACCTCAGATGGCAAACCGGATCGTGGATTCCGCAAGGAGCATCC
 TCAACAAGTTCATACCTGACATCTACATCTACACGGATCATATGAAAGGCGTCAGTTCTGGGAAGTCTCC
 AGGCTTTGGGCTGTCTGGTTCGAGAGACTACCAACGGTACCTTCTGAGTGTGAACTGGCCTCCAAT
 CCCCAGGGCCAGGGAGCAGCAGTCTTCCCGAGGACCTCGGCAGGAACCTGTGCAAAGCTGCTACTTGAAG
 AAATCTACAGGGTGGATGCGTAGACTCGACCAACCAAAGTCTAGTTCTGCTGCTCATGACCCTTGACA
 GCAGGACGTTTCCAAAGTCTGCTGGGACCACTCTCGCCCTACACGATAGAATTTTTGCGGCATCTGAAG
 AGCTTTTTCCAGGTTATGTTTAAAGTTGAAACCAAGCCATGTGGTGAAGAACTGAAGGGCGGGGACAAAG
 TGCTAATGACCTGCGTTGGTATTGGCTTCTAACCTGAGCAAGACCCTCAAGTATCCTGTACAACGTC
 AGGCTCTGCTGTGCATGGATGAAGCAGAAAGATGCGAAGGACCACAGGGACCAAGTCCAGGCATGTCCAT
 CCAGGACAGGCGCCTTAAACATTACAGACTTTCTTTTCCACTGAAAATACTGATTTGCAAATACAAGC
 TGCTCTCCCACGTGACTTCCAGCTGCTTCCCAATGACATTCTCGAGGCCAGGCTGTGGGCTTCCA
 GACTCACCTGGAGGAGGGCCCTCCGTGAGTGGCCACGCTGCTAGACAGTATCCAGCAGCTCTTCTTCA
 TCTTTGGATTGTGGCTTTGTGTAGGTTTATGTGACAACGTGACAGTGTGTGTAAGACCTCCAGTCTG
 TTGTGCCAGAAGTTGGGGCACTGGTTCCTCTCTCGTCTTAGGAATAATTTGCTTGCATGGGCACATGCT
 ATACCTCATATGGTAACCTGTGTTTGTGTGGGCTGGTGGTGGGATGGGGAGGACAGACATGTCTTAAA
 TGTTTTCTGTATCCTAGGTATGGCATAAAATTTGTTTTATTCTTCTAAAAAAAAAAAAAAAAAAAAAAAA A



[View online »](#)

Restriction Sites:	RsrII-NotI
ACCN:	NM_021525
Insert Size:	1122 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:	<ol style="list-style-type: none">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:	BC004574 , AAH04574
RefSeq Size:	1751 bp
RefSeq ORF:	1122 bp
Locus ID:	59028
UniProt ID:	Q9JIT0
Cytogenetics:	19 C1
Gene Summary:	Does not have cyclase activity. Plays a role in 40S-ribosomal-subunit biogenesis in the early pre-rRNA processing steps at sites A0, A1 and A2 that are required for proper maturation of the 18S RNA (By similarity).[UniProtKB/Swiss-Prot Function]