

Product datasheet for **MC202702**

Rgl2 (NM_009059) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rgl2 (NM_009059) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rgl2
Synonyms:	KE1.5; Rab2l; Rgt2; Rlf
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC068121 sequence for NM_009059
 GGAAGCGGAAAGGGCGGGAGGGCCCGGGAGCCCGGGCGGGTGCAGGAGGGGGGCATCGCGGAAAAGCCGG
 GGAGGGGACTCGGTAGAGGGCCAGAGACCAGACAAGAACAGAGGCCCGGGACCCGCGCAGCCCTCGCCC
 TTCCCAGCAGGCGCCCCATGGCCGACCCCGCTGATTGCTTCTCTCGGCCATGCTCCCGCGGCCCTG
 CGGCTGCTTTTGGACACGACCCCCCGGGGAGTCGTGCTGAGCAGCTTCCGGAGCCGGACCCCGAAG
 AGGGTGGGACCCAGGTGGCCGGCCGTGGCGGGGGCAGGAGGAAGAGGATGAGGAAGAAGAAGAGGC
 TTCTGTGTCACTCTGGGACGAGGAGGAGGATGGTGCACCTTTACTGTCAACAAGCCGACGTACAGGCCT
 CTTGACCCCTTGCTCCCTTGCCCTCCACCTCGCTCCTCCGACGGCTCCGCGCTGGCACTCTGGAGGCC
 TGGTCAGACACCTCTTGATGCCAGGACAGCGGGCTGACATGATGTTCACTCCGGCCTTGCTGGCCAC
 CCACCGGGCCTTCACTCCACTCCTGCCCTGTTTGGGCTTGTGGCTGACAGGCTGGAAGCCCTTGAATCT
 CATCTCCCGGTGAGCTAGAGAGGACCACAGGGGTAGCCATCTCTGTACTTTCAACTTGGCTGGCCTCTC
 ACCCTGAGGATTTTGGCTCTGAGGTCAAGGTCACACTTGACCGGCTTGGAGCTTCTTGTTCGGACAGG
 GTATGCAGCACGGGAGGGTGTGTGGGGGCACTGCTGACCTCATCCGAAACCTCCGGGCCCGGTGGAC
 CCCCAGGGCCCCGACCTTCTAAGCCCCGGCCCTTCTGGCGATTCCCCTGCTGACCCACGGATGTC
 TGGTGTCTCTCGCTGACCACTTGGCCGAACAGCTGACCCTGCTAGATGCGGAACTGTTTCTAATCTGAT
 CCCTCTCAGTGTGGGAGGCCTCTGGGGTACAGAGACCGCCAGGACATTCTCACCTCTGCCGTCT
 GTCGAGCTACCGTCACACAGTTCAACAAGGTGGCGGGGCGGTAGTTAGCTCTGTCTTGGGGGCCACCT
 CAATTGGAGAGGGGCAAGAGAGGTGACTGTGAGACCACTGCGGCCCCACAGAGGGCCCGCTCTAGA
 GAAGTGGATCCGTGTGGCCGAGGAGTGGCCCTGCTTCGAACTTCTCCTCAGTGTATGCTGTTGTGTCC
 GCTCTGCAGTCCAGCCCTATCCACAGGCTTCGGGACGCTGGGGGAGACAACCAGGGACAGCCTCCGAG
 TCTTTCCAGCCTGTGCCAGATTTCTCAGAGGAGGATAATTATCCAGAGCAGAGAGCTCCTCATGCA
 GGAAGTGAAGCCGACCCCTGTGGAGCCACTCAAGAAGGCCCAAGGTCTGGCTCAGGGTGGG
 GGTGTGGTCCCTACCTGGAACTTCTGAAGGACCTCGTGTGCTGGATGCGGCCTCCAAGGATGAG
 TGGAGAATGGCTACATCAATTTTGAACAAGCGAGGAGGAGTTTGTATCCTTTCCGAGCTGTTGCGCCT
 CCAGAAAGAATGCTGCTGACCTCCGACCTAACTCTGATATCCAGCAATGGCTCCAGGGCCTCCAG
 CCTTAACTGAAGCTCAGAGTACCCTGTATCCTGTGAAGTGGAGCCACCAGGGACAGTACTCCCCG
 CTGCAAGGACACCTCGGCCAACACTAGTGTACACAGTGGACGGAAGTCTGGGCTCTGTTGGAGGCC
 CACTCCGCTTGTCTGGGATCGGCCAGTGTGGGGGAGATGAGGTGCTGGAACCCAGCACCTCTG
 CTGACTCGCTCGCCAGCACATGAAGTGGCCATCAGTCTCATCTCTGGACTCTGCCCTGGAAGCAGCC
 CCTCTTGACAGCCCTGCTGACCCTGGCCACCTCTCTCTCCAGCTCCTCCCCTAGGCCTTCCGGGG
 TCACCGTCTGCTAGCCTCTGTGGTCTCCGTTGAGTGGAAACACAGGAGAAGGGACCTTAGGAGTGT
 GGATGTGGGGGCGGGTATCTGGCCAGGGTCTCTGATTGCCGAATCATCCGAGTCCAGATGGAGCTGG
 GGGAGGATGGCAGCTCTACAAGAGCATCTGGTGACAAGCCAGGACAAAGCTCCAAGTGTATTAGTCC
 GTCTTAAGAAAAACAATCGTATTCTGCTGTGGCTTACAGGTTTCGAGCTGGTGCAGCTGCTACCTGGG
 GATCGAGAGCTGACCATCCCACTCAGCTAACGCTTCTATGCCATGGATGGTGCATCTCATGACTTCC
 TCCTGCGGACGCGAGAAGCCCTCTGCTGCCACCCCGGTTCCACAGCGGCCCTCTGCCCTAGGAAC
 TCCTCCGAGCGAGGGGGAGGGGCTCCTTCCAGGATCAAGGCCACGGGGAGGAAGATTGCACGGGCA
 CTGTTCTGAGGATGAAGTCTATTGGTTACATAGCAACTCATACCAGGAGTGAGCAGCCACACATGGTG
 GCCACAATATTAGAGCAGAAACCCTGAAAGGTGGCCAGCCACCCTGGGACAGTGAAGTCACTGTTTACC
 AAACCACTGCGGAAGCCAGCCCCAGCCCCAGCCCCGTTGGACTGGTGACCAGTAAACATGTTGGATACC
 TGCATCTAGTCTCCACTCTGCGGAATGTGCATTATCATCTGTGCTGGGAAGAGTACTGGTCCCTGCCA
 CATGCCAGCTGTGACAGGCCAAGGGAAGGCTAGAGGCTGAGCCTGGGGCAGAGGGCAGTACAAGAGG
 TTCTTGTCCCCTCTGGGATTCTGTCACTGTGACAACACTAAGAAAATAAACCAAAACTACCTGAA
 AAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: NM_009059
Insert Size: 2337 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:	BC068121 , AAH68121
RefSeq Size:	2967 bp
RefSeq ORF:	2337 bp
Locus ID:	19732
UniProt ID:	Q61193
Cytogenetics:	17 B1
Gene Summary:	Probable guanine nucleotide exchange factor. Putative effector of Ras and/or Rap. Associates with the GTP-bound form of Rap 1A and H-Ras in vitro.[UniProtKB/Swiss-Prot Function]