

Product datasheet for **MC220830**

Rgl3 (NM_023622) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rgl3 (NM_023622) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rgl3
Synonyms:	1300003D20Rik; mFLJ00153
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC220830 representing NM_023622
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGAGGACAGCGGGCAAAGAGCTGGCCCTGGCCCGCTGCAGGACTGGGGCGAGGAGACCGAGGATG
 GCGCCGTGTACAGCGTCTCCCTGCGGGCGCAGCGCAGCCAGCGCTCGACCCAGAGAGGTCTGGAGAAGG
 CCAGACCCCATCCCGGCTACCGACACCTTCCTTCATTACCGAACCAAGGTGCGGGCGCTGAGGGCC
 GCCCGACTGGAGCGGCTGGTGCATGAGTTGGTGTCCGGAGACCGCAGCAGGATCCTGGCTTCGTGCCTG
 CCTTCCTGGCCACCCACCGGGCTTTGTACCCACAGCCCGCTTTTGGTTCCTGCTACCCCGCCACC
 GCCCGCCGACCCACCTCCTGCTGGGGTAGACAGCAAGAGGACAGAGGGACAAGATCTGAACCTCAGCAAG
 AACCTGAGGGCTGTAGTTTCGGTGTGGTTCCTGGCTGCGAAATCATCCTCAGGACTTCGGGATCCCC
 CTGATCATCAGAACCTAGGCAATGTCCGAATCTTTTGGGCTGGCAGCCCCAGGAGGGGAGAAGCCAG
 GGAAGCAGAGAACTTCTAGAAGATTTCTGAAGGAGGCTAAGGGAGAGCAGACAGAGGAGGAAAAGCGA
 CTGGCTTGGTCAGGCCCTCTAGGATTGCCAGACCCCGGATCGGAGTTTGGGAGGACTGTGTGGAAAG
 AGGAAGGCCCCAGTTCAGAAGGCCAGAGCTCCTGGACTTCAGCGTGGATGACGTGGCAGAGCAGCTGAC
 CCTATGGATGTGGAGCTCTTCTGCGCGTGAGGTCTGCGAATGCCTGGGTTCCATGTGGTCTCAGCGC
 GACCGGCCAGGAGCTGCAGGCATCTCTCCACAGTGCCTGCCACCGTAGCCAGTTCAATACGGTACCG
 GCTGCGTGTGGGCTCGGTGCTCGCTGCGCCCGGCTGGCGGCCCTCGCAGAGGGCACAGCGCATCGAAAA
 ATGGATTGCGATCGCCAGCGGTGCAGGAACTACGAAATTTCTTTCATTGCGAGCGATCCTGTCCGCC
 CTGCAATCTAACCCATCTACAGACTCAAGCGCAGCTGGGGAGCTGTGAGCCGGGAACCGCTGTCTGTTT
 TCAGGAACTGTACAGATTTTTCTGATGAGGATAACCATCTCAGCAGCCGAGCGATTCTTTCCGAGA
 GGAGACCACTGAGGATGATGACTGCCCCCTCAGGAAGTCTGCCATCAAACTGCCCCCGGGTCTGTCCCC
 TACCTTGGCACCTTCTCACAGACTTGGTTATGCTGGATACAGCCTTACCGGATACGTTGAAGGAAACC
 TCATCACTTTGAAAAGAGGAGGAAGGAGTGGGAGATCCTGGCCGAATCCAGCAGCTACAGCAACGCTG
 CCAGCGCTACAGCCTGAGCCCCCGCCCAATCCTGGCTGCACTTCGAGCCAGCGCCAGCTCAGCGAG
 GAGCAAAGCTACCGAGTCTCCCGTGTATTGAGCCACCAGCTGCCTCCTGTCCAGCTCCCTCGTATCC
 GCGCAGCATCAGCCTCACAAGCGTCTCAGTGCAGAGCTGTCCCGAGAGAAGAAGTCTCTCTGGCGG
 GAGTCCCGGGATCCGTCTCACCTACCTCCAGTGTGTCTCCAGGTTACCCCCATCCAGCCCTAGAAAC
 CGAGAGCCTCCTCCTCCGGCAGTCTCCAGCCTCCCCAGGGCTCAGAGCCCCAGCACCAGCTCTCCC
 TGACCATGGACCCACAGGGCCCTGGCCCGTGACCTTGACTCCGAGCAGCTCCCGAGTCCCTCCTCGG
 GCAGCAGACGTCAGAGGCCCGCGTCATCAGAGTCAGCATCAACAATAACCACGGGAACCTGTATCGGAGC
 ATCTTGCTTACTTGTGAGGACAAAGCCCCAGCGTGGTGCAGAGCCCTGGAGAAGCACAATGTGCCCC
 AGCCCTGGGCCGTGACTACCAGCTCTCCAGGCTCCTGCTGGGGACAGAGAGCTCCTGATTCCAGACGG
 TGCCAACGTCTTCTACGCTATGAGCCAGCTGCCCTGGTACTTCTGCTTCGTCGAAAGAGGGGACA
 GGACATACACTGTCTGCCTCCCAACC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_023622

Insert Size: 2130 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:	<u>NM_023622.4</u> , <u>NP_076111.2</u>
RefSeq Size:	2550 bp
RefSeq ORF:	2130 bp
Locus ID:	71746
UniProt ID:	<u>Q3UYI5</u>
Cytogenetics:	9 A3
Gene Summary:	Guanine nucleotide exchange factor (GEF) for Ral-A. Potential effector of GTPase HRas and Ras-related protein M-Ras. Negatively regulates Elk-1-dependent gene induction downstream of HRas and MEK1.[UniProtKB/Swiss-Prot Function]