

Product datasheet for **SC327639**

RGL3 (NM_001161616) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RGL3 (NM_001161616) Human Untagged Clone
Tag:	Tag Free
Symbol:	RGL3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>NCBI ORF sequence for NM_001161616, the custom clone sequence may differ by one or more nucleotides <pre> ATGGAGCGCACAGCAGGCAAAGAGCTGGCCCTGGCACCCTGCAGGACTGGGGTGAAGAG ACCGAGGACGGCGCGGTGTACAGTGTCTCCCTGCGGCGGCAGCGAGTCAGCGCAGGAGC CCGGCGGAGGGCCCCGGGGGCAGCCAGGCTCCCAGCCCCATTGCCAATACCTTCTCCAC TATCGAACCAGCAAGGTGAGGGTGTGAGGGCAGCGCGCTGGAGCGGCTGGTGGGAGAG TTGGTGTGTTGGAGACCGTGAGCAGGACCCAGCTTCATGCCCGCTTCTGGCCACCTAC CGGACCTTTGTACCCACTGCCTGCCTGCTGGGCTTTCTGCTGCCACCAATGCCACCGCCC CCACCTCCCGGGGTAGAGATCAAGAAGACAGCGGTACAAGATCTGAGCTTCAACAAGAAC CTGAGGGCTGTGGTGTCACTGCTGGGCTCCTGGCTGCAGGACCACCCTCAGGATTTCGA GACCCCCCTGCCATTTCGGACCTGGGCAGTGTCCGAACCTTTCTGGGCTGGGCGGCCCCA GGGAGTGTGAGGCTCAAAAAGCAGAGAAGCTTCTGGAAGATTTTTGGAGGAGGCTGAG CGAGAGCAGGAAGAGGAGCCGCTCAGGTGTGGACAGGACCTCCAGAGTTGCCAAACT TCTGACCCAGACTCTTCAGAGGCTGCGCGGAGGAAGAGGAAGGGCTCATGCCTCAAGGT CCCCAGCTCCTGGAATTCAGCGTGGACGAGGTGGCCGAGCAGCTGACCCTCATAGACTTG GAGCTCTTCTCAAGGTGAGGCTCTACGAGTGCTTGGGCTCCGTGTGGTCCGAGAGGGAC CGGCCGGGGGCTGCAGGCGCCTCCCCACTGTGCGCGCCACCGTGGCCCAAGTTCAACACC GTGACCGGCTGTGTGCTGGGTTCCGTGCTCGGAGCACCAGGCTTGGCCGCCCCGAGAGG GCGCAGCGGCTGGAGAAGTGGATCCGCATCGCCACGCGTGCAGGAACTGCGGAATTC TCCTCCTTGCGCGCCATCCTGTCCGCCCTGCAATCTAACCCATCTACCGGCTCAAGCGC AGCTGGGGGGCAGTGAGCCGGGAACCGCTATCTACTTTTTCAGGAACTTTTCGAGATTTTC TCCGATGAGAAACACCTCAGCAGCAGAGAGATTCTTTTCCAGGAGGAGGCCACTGAG GGATCCCAAGAAGAGGACAACACCCAGGCAGCCTGCCCTCAAAACACCCCAAGGCCCT GTCCCTTACCTTGGCACCTTCTTACGGACCTGTTATGCTGGACACAGCCCTGCCGGAT ATGTTGGAGGGGATCTCATTAATTTGAGAAGAGGAGGAAGAGTGGGAGATCTGGCC CGCATCCAGCAGCTGCAGAGGCGTGTGAGAGCTACACCCTGAGCCCCACCCGCCATC CTGGCTGCCCTGCATGCCAGAACAGCTACCGAGGAGCAGAGCTACCGGCTCTCCCGG GTCATTGAGCCACCAGTGCCTCCTGCCCCAGCTCCCCACGCATCCGACGGCGGATCAGC CTACCAAGCGTCTCAGTGCGAAGCTTGCCCGAGAGAAAAGCTCATCACCTAGTGGGAGT CCCGGGGACCCCTCATCCCCACCTCCAGCCTCTGCATCTCCCCAGTGTGTCCCAGGG TCACCCCTCAAGTCTAGAAGCAGAGATGCTCCTGCTGGCAGTCCCCGGCCTCTCCA GGGCCCCAGGGCCCCAGCACAAGCTGCCCTGAGCCTGGACCTGCCAGCCCCCGGCC TTGCTTTGCTCTGGGAGCCCTCGAATCCCCCTCCCGGCGCAGCAGAGCTCGGAGGCC CGTGTCATCCGCGTCAGCATCGACAATGACCACGGGAACCTGTATCGAAGCATCTTGCTG ACCACTCAGGACAAAGCCCCAGCGTGGTCCGGCGAGCCTTGAGAGCAATGTGCC CAGCCCTGGGCTGTGACTATCAGCTCTTCAAGTCTTCTGGGACCGGGTGTCTCTG ATTCTGACAATGCCAACGTCTTCTATGCCATGAGTCCAGTCGCCCCAGAGACTTCATG CTGCGGCGGAAAGAGGGGACCCGGAACACTCTGTCTGTCTCCCCAAGC </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001161616
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_001161616.1, NP_001155088.1</u>
RefSeq Size:	2571 bp
RefSeq ORF:	2151 bp
Locus ID:	57139
UniProt ID:	<u>Q3MIN7</u>
Cytogenetics:	19p13.2
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 MEKK1 (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).