

Product datasheet for **SC318286**

RGL1 (NM_015149) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RGL1 (NM_015149) Human Untagged Clone
Tag:	Tag Free
Symbol:	RGL1
Synonyms:	RGL
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_015149, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGTGAAACCTGTGGGAGAACCTACTCAAGAGGTGTCTAAATTCAAACCTTCCACC
AAGGTAGAAAGCACGGGACACTGGCTGGTGAAGATCATGTTTGAATATGGGAAGTTTAA
AAGACAGAGGAGAGCTCGATTGAGGAGTGGGTGAAGAGGTAGAGGAAGGAGCTGTTTAC
CATGTCCACCTCAAAAGAGTCCAGATTCAACAGGCTGCCAATAAAGGAGCAAGATGGCTA
GGGGTTGAAGGGGACCAGCTGCCCTCCAGGACACACAGTCAGTCAATATGAAACCTGTAAG
ATCAGGACCATAAAAGCTGGCACCTTGGAGAAGCTTGTGGAGAACCTGCTGACAGCTTTT
GGGGACAATGACTTTACCTATATCAGCATCTTTCTTTCAACGTACAGAGGCTTTGCTCC
ACTAAAGAAGTGTGGAACCTACTGCTGGACAGGTATGGAACCTGACAAGCCCAAACCTGT
GAAGAAGATGGAAGCCAAAGTTCATCAGAGTCCAAATGGTGATCAGGAATGCAATCGCT
TCCATACTAAGGGCCTGGCTTGACCAAGTGTGCAGAAGACTTCGAGAGCCCCCTCACTTC
CCTTGCTTACAGAACTGCTGGATTATCTCACACGGATGATGCCGGGCTCTGACCCAGAA
AGAAGAGCACAAAATCTTCTTGAGCAGTTTCAGAAGCAAGAAGTGGAACTGACAATGGG
CTTCCCAACACGATCTCCTTCAGCCTGGAAGAGGAAGAGGAAGTGGAGGTGGAGAGTCA
GCAGAATTCACGTGCTTCTCAGAAGATCTCGTGGCAGAGCAGCTGACCTACATGGATGCA
CAACTCTTCAAGAAAGTAGTGCCTCACCCTGCCTGGGCTGCATTTGGTCTCGAAGGGAT
AAGAAGGAAAACAAACATTTGGCTCCTACGATCCGTGCCACCATCTCTCAGTTTAAATACC
CTACCAAATGTGTTGTGACGACCATCTGGGGGGCAAAGAACTCAAACTCAGCAGAGA
GCCAAATCATTGAGAAGTGGATCAACATCGCTCATGAATGTAGACTCCTGAAGAATTTT
TCCTCCTTGAGGGCCATCGTTTCGGCACTGCAGTCTAATTCATCTATCGGTTAAAAAG
ACTTGGGCTGCCGTCCCAAGGGACCGAATGCTGATGTTTGAAGAACTTTGAGATATCTTC
TCAGACCATAATAACATTTGACCAAGGAGAACTACTGATGAAGGAAGGAACCTCAAAA
TTTGCAAACTGGACAGCAGTGTGAAAGAAAACAGAAGCGTACCCAGAGGCGGCTGCAG
CTCCAGAAGGACATGGGTGTGATGCAGGAACTGTGCCCTACCTGGGCACCTTCTGACT
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CTGACAGAGGAGGAGAGCTATGCCCTGTCATGTGAGATTGAAGCAGCTGCTGACGCCAGC
ACCACCTCGCCCAAGCCTCGGAAGAGCATGGTGAAGAGACTCAGCCTACTGTTTCTAGGG
TCTGACATGATCACCAGTCCCACTCCCAACAAAGAGCAGCCCAAGTCCACTGCCAGCGGG
AGCTCTGGTGAAGCATGGACTCTGTGACGCTGTATCCTGCGAGTCGAACCACTCAGAG
GCTGAGGAGGGCTCCATTACTCCCATGGACACCCTGATGAGCCTCAAAAAAGCTCTCT
GAGTCTCTCTCATCTGTTCTTCTATCCATTCCATGGACACAAATTCCTCAGGGATGTCT
TCCTTAATCAACCCCTCTCCTCCCTCCGTCTGCAACAACAACCCCAAAATCCACAAG
CGCTCTGTCTCGGTGACGTCCATTACCTCGACTGTGCTGCCTCTGTTTACAACCAACAG
AATGAAGACACCTGCATAATCCGCATCAGTGTGGAAGACAATAACGGCAACATGTACAAG
AGCATCATGTTGACGAGCCAGGATAAAACCCCGCTGTGATCCAGAGAGCCATGCTGAAG
CACAACTGGACTCAGACCCCGCGAGGAGTACGAGCTGGTGCAGGTATCTCGGAGGAC
AAAGAAGTGTGATTCCAGACTCAGAAATGTCTTTATGCCATGAACAGCCAAGTGAAC
TTTGACTTCATTTTGCACAAAAAGAACTCCATGGAAGAACAAAGTAAAGTGCAGTACCGG
ACCAGCTTGACGTGCCAGGACAGCTAAACGGGGCTGCTGGAGTAACAGACACAGCAAA
ATCACCTC

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Restriction Sites: Please inquire

ACCN: NM_015149

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_015149.3</u> , <u>NP_055964.3</u>
RefSeq Size:	5113 bp
RefSeq ORF:	2412 bp
Locus ID:	23179
UniProt ID:	<u>Q9NZL6</u>
Cytogenetics:	1q25.3
Domains:	RA, RasGEFN, RasGEF
Gene Summary:	Probable guanine nucleotide exchange factor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).