

Product datasheet for **SC102547**

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
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

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

```

ATGGAGGTGAAACCTGTGGGAGAACCTACTCAAGAGGTGTCTAAATTCAAACCTTCCACCAAGGTAGAAA
GCACGGGACACTGGCTGGTGAAGATCATGTTTCAATATGGGAAGTTTTAAAGACAGAGGAGAGCTCGAT
TCAGGACTGGGTGAAGAGGTAGAGGAAGGAGCTGTTTACCATGTCACCCCTCAAAGAGTCCAGATTCAA
CAGGCTGCCAATAAAGGAGCAAGATGGCTAGGGGTTGAAGGGGACCAGCTGCCTCCAGGACACACAGTCA
GTCAATATGAAACCTGTAAGATCAGGACCATAAAAGCTGGCACCTTGGAGAAGCTTGTGGAGAACCTGCT
GACAGCTTTTGGGACAATGACTTTACCTATATCAGCATCTTTCTTTCAACGTACAGAGGCTTTGCCTCC
ACTAAAGAAGTGTGGAAGTACTGCTGGACAGGTATGGAACCTGACAAGCCCAAAGTGTGAAGAAGATG
GAAGCCAAAGTTCATCAGAGTCCAAAATGGTGATCAGGAATGCAATCGCTTCCATACTAAGGGCTGGCT
TGACCAGTGTGCAGAAGACTTCCGAGAGCCCCCTCACTTCCCTTGCTTACAGAACTGCTGGATTATCTC
ACACGGATGATGCCGGGCTCTGACCCAGAAAGAAGAGCACAAAATCTTCTTGAGCAGTTTCAGAAGCAAG
AAGTGAAACTGACAATGGGCTTCCCAACAGATCTCCTTCAGCCTGGAAGAGGAAGAGGAACTGGAGGG
TGGAGAGTCAGCAGAATTCAGTGCTTCTCAGAAGATCTCGTGGCAGAGCAGCTGACCTACATGGATGCA
CAACTCTTCAAGAAAGTAGTGCCTCACCCTGCCTGGGCTGCATTGGTCTCGAAGGGATAGAAGGAAA
ACAAACATTTGGCTCCTACGATCCGTGCCACCATCTCTCAGTTTAATACCCTCACCAATGTGTTGTCAG
CACCATCCTGGGGGGCAAAGAACTCAAACTCAGCAGAGAGCCAAAATCATTGAGAAGTGGATCAACATC
GCTCATGAATGTAGACTCCTGAAGAATTTTCTCCTTGAGGGCCATCGTTTCGGCACTGCAGTCTAATT
CCATCTATCGTTAAAAAAGACTTGGGCTGCCGTCCCAAGGGACCGAATGCTGATGTTTGAAGAACTTTC
AGATATCTTCTCAGACCATAATAACCATTTGACCAGCCGAGAACTACTGATGAAGGAAGGAACCTCAAAA
TTTGCAAACCTGGACAGCAGTGTGAAAGAAAACCAGAAGCGTACCCAGAGGCGGCTGCAGCTCCAGAAGG
ACATGGGTGTGATGCAGGGAAGTGTGCCCTACCTGGGCACCTTCTGACTGACCTGACCATGCTTGACAC
TGCCCTTCAGGACTACATCGAGGTGGACTGATAAACTTTGAGAAAAGGAGAAGGAATTTGAAGTGATT
GCCCAGATAAAGCTCTTACAGTCTGCCTGCAACAGCTATTGCATGACCCAGACCAAAAGTTCATCCAGT
GGTTCCAGAGGCAGCAGCTCCTGACAGAGGAGGAGAGCTATGCCCTGTCATGTGAGATTGAAGCAGCTGC
TGACGCCAGCACCACTCGCCCAAGCCTCGGAAGAGCATGGTGAAGAGACTCAGCCTACTGTTTCTAGGG
TCTGACATGATCACCAGTCCCACTCCCAACAAAGAGCAGCCCAAGTCCACTGCCAGCGGGAGCTCTGGTG
AAAGCATGGACTCTGTCAGCGTGTCTCCTGCGAGTGAACCACTCAGAGGCTGAGGAGGGCTCCATTAC
TCCCATGGACACCCCTGATGAGCCTCAAAAAAGCTCTCTGAGTCTCCTCATCCTGTTCTTCTATCCAT
TCCATGGACACAAATTCCTCAGGGATGTCTTCTTAATCAACCCCTCTCCTCCCTCCGTCTGCAACA
ACAACCCCAAAATCCACAAGCGCTCTGTCTCGGTGACGTCCATTACCTCGACTGTGCTGCCTCCTGTTTA
CAACCAACAGAATGAAGACACCTGCATAATCCGCATCAGTGTGGAAGACAATAACGGCAACATGTACAAG
AGCATCATGTTGACGAGCCAGGATAAAACCCCGCTGTGATCCAGAGAGCCATGCTGAAGCACAATCTGG
ACTCAGACCCCGCCGAGGAGTACGAGCTGGTGCAGGTCTCTCGGAGGACAAAGAACTTGTGATTCCAGA
CTCAGCAAATGTCTTTATGCCATGAACAGCCAAGTGAAGTGTGACTTTCATTTTGCACAAAAGAACTCC
ATGGAAGAACAAGTGAAGTGCCTAGCCGAGCAGCTTGACGTTGCCAGGACAGCTAAACGGGGCTGCT
GGAGTAACAGACACAGCAAAATCACCTCTGA

```

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_015149 unedited
 GCCTTGCGNATTTTGTATACGATTCTATAGGGCGGCCGCGATTCCGGCACGAGCGGCGGG
 GGGGGCAGCGCGCGCTGTCTGTGCGCTGCGGTGCGTCGGGACCGGGACCGGGGCGAGG
 CGCCGCGGGGCTGAGCCAGCAGACATTGCGTTGGCCTCCGAGCAGGGCGCATCATGCAG
 CGTTCGCGCACCAGAGAGAAAACTGAGAATGAAATTGCTTTGGCAAGCTAAAAATGAGCTC
 GATTTCAGGACTGGGTGAAGAGGTAGAGGAAGGAGCTGTTTACCATGTCACCTCAAAAG
 AGTCCAGATTCAACAGGCTGCCAATAAAGGAGCAAGATGGCTAGGGGTTGAAGGGGACCA
 GCTGCCTCCAGGACACACAGTCAGTCAATATGAAACCTGTAAGATCAGGACCATAAAAGC
 TGGCACCTTGGAGAAGCTTGTGGAGAACCTGCTGACAGCTTTTGGGGACAATGACTTTAC
 CTATATCAGCATCTTTCTTTCAACGTACAGAGGCTTTGCCTCCACTAAAGAAGTGTGGA
 ACTACTGCTGGACAGGTATGGAACCTGACAAGCCCAAAGTGAAGAAGATGGAAGCCA
 AAGTTCATCAGAGTCCAAATGGTGATCAGGAATGCAATCGCTTCCATACTAAGGGCCTG
 GCTTGACCAAGTGTGCAGAAGACTCCGAGAGCCCCCTCACTTCCCTTGCTTACAGAACT
 GCTGGATTATCTCACACGGATGATGCCGGGCTCTGACCCAGAAAGAAGAGCAGANATCTT
 CTTGAGCAGTTTCAGAAGCAAGAAGTGGAACTGACAATGGGCTTCCACACGATCTCCT
 TCAGCCTGGAAGAGAANNAGAACTGGAGGTTGGAGAGTCAGCAAATTCACGTGCTTCTCA
 GAGTTCTCGTGGAGAGCACCT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_015149 unedited
 ATGGACCGGCGCGCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTACCTTCGCACC
 AAAAATATCAGGCTGAGGCTACATATACTTCAACCTGCATGAGGGCTGCCACCCTGGCCA
 TCTCTCTACAAGCACAGAAGCACAATCGAACAGGGATTGAAAACAGAAGAAAGTGCTT
 TTTGACTAGTTGAAACCCAGTCAGTCTTTACAATGTGTAGTCCAATCTCCTGGAAAGACC
 AAAGGAAATTGGAGGACTTCTGGCCCGTTCTTGGTCCATTGCCGCAATCTCTAAACT
 TTCCCTGGTGCTTCTGTGGAATTCACATGGCTATTTATGCAACGCAATCCACACAAC
 TTTTAGGAGCTGTATTATGGGATTAAGAAAAAATAGCTCCATGTTACAATCTGCACT
 TCATATCCGGGTTTGTCTCTAAATTTTGAATAAAAACTGGTATTTTGAGATCATT
 CCTTAAAAAGGACAACATTCTGAAAGTGCTTCTTACACATGTCAATATCCACATATGGC
 TTTTAGTTCAAACCCAGCACAGCTCACACTTGAAGGAAGAGTGTGACGGTGTTATGAG
 AGACAAAAGTGCACTTAACAATGATACTGTGATAGTAAGCCCGGAAACCTGAAATAAAA
 AAGTTATTGATTCCATCCTGGAGGAAATGTCCTCTTAAACCCAGGATTAGATAATCTA
 TCAAGCCCATCTTTTTCCCCCCCATTACGCTCTGCACCGCCCCATAAGTCACGCAAAAT
 AGCAGTTTGTACCACAGGGTAACCCCTCCGAGGCGCTTTTCAACGGGACACCCCTGG
 TTCATAACTTTCCCCAGCCTAAATATACCAACCGCACCCATTGCCCCATAAATCCCCCA
 CCTTGGGAATAACTCGCCAACACAAGAGGTTCTACATACAGAGGTCAAAGCATCCCCNC
 TTTTATCTGTCAAGCACCTCAGAAGCACGCACCCCTCG

Restriction Sites:

NotI-NotI

ACCN:

NM_015149

Insert Size:

4540 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:	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_015149.1, NP_055964.1</u>
RefSeq Size:	4733 bp
RefSeq ORF:	2307 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).