

Product datasheet for **SC330166**

RGL2 (NM_001243738) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RGL2 (NM_001243738) Human Untagged Clone
Tag:	Tag Free
Symbol:	RGL2
Synonyms:	HKE1.5; KE1.5; RAB2L
Vector:	pCMV6-Entry (PS100001)



[View online »](#)

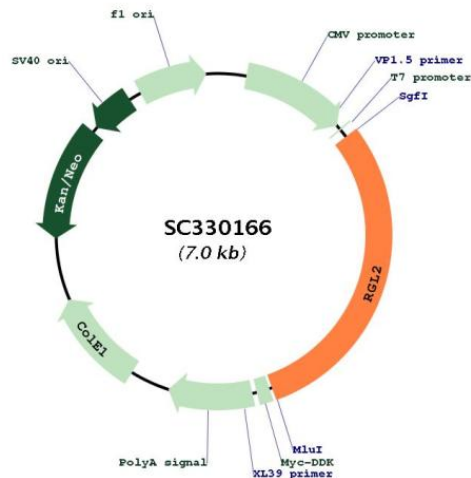
Fully Sequenced ORF: >SC330166 representing NM_001243738.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCCTCCCCACGTTCTCCCGACGGCTCCGAGCTGGCACTCTGGAGGCCCTGGTCAGACACCTACTG
GATACCCGGACATCAGGGACTGATGTGAGCTTCATGTCAGCCTTCCTGGCTACCCACCGGGCCTTACC
TCCACGCCTGCCTTGCTAGGGCTTATGGCTGACAGGCTGGAAGCCCTTGAATCTCATCCTACCGACGAA
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TCAGGAACCTCCGAGTGAGGGAGGAGGGGCTCTTTCCAGGATCAAGGCCACAGGGAGGAAGATT
GCACGGGCACTGTTCTGA
  
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Restriction Sites: Sgfl-Mlul

Plasmid Map:



ACCN: NM_001243738

Insert Size: 2088 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: [NM_001243738.1](#)

RefSeq Size: 3165 bp

RefSeq ORF: 2088 bp

Locus ID: 5863

UniProt ID: [O15211](#)

Cytogenetics: 6p21.32

Protein Families: Druggable Genome

MW: 74.7 kDa

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 (By similarity).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) lacks an internal exon and uses a downstream, in-frame start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus, compared to isoform 1.