

## Product datasheet for **SC334438**

### RERGL (NM\_001286201) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RERGL (NM_001286201) Human Untagged Clone
Tag:	Tag Free
Symbol:	RERGL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001286201, the custom clone sequence may differ by one or more nucleotides

```
ATGAATGATGTGAAGCTTGCTGTCTGGGTGGTGAAGGAACAGGCAAATCTGCCCTTACAGTGAGGTTTC
TTACTAAGCGATTTCATTGGAGAATATGCTTCTAATTTTGAATCTATCTATAAGAAGCACTTGTGTTTGG
AAGGAAACAATAAATCTAGAAATATATGACCCTTGTCTCAAACACAGAAAGCAAAATTCCTCCCTCACA
AGTGAGCTTCACTGGGCAGATGGGTTTGTATTGTGTATGACATCAGTGATAGGTCTTCATTTGCTTTTG
CAAAAGCGCTGATCTACAGAATCCGGGAGCCACAACTAGTCATTGTAAAAGAGCTGTGGAATCAGCAGT
GTTTTTGGTTGGCAACAACGAGATCTTTGTGTCATGTGCGAGAGGTTGGCTGGGAAGAAGGGCAAAAGCTG
GCACTGGAAAACCGATGCCAATTCTGTGAAGTCTGCAGCAGAGCAGTCTCTGGAGGTGGAAATGATGT
TTATCAGAATTATCAAGGACATCTGATAAACTTCAAACCTCAAAGAAAAGAGACGTCCTCCAGTGGATCTAA
ATCAATGGCCAAATTGATCAATAATGTATTGGAAAGAGAAGGAAATCTGTTTAG
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001286201
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).



[View online »](#)

**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\\_001286201.1](#), [NP\\_001273130.1](#)

**RefSeq Size:** 1005 bp

**RefSeq ORF:** 615 bp

**Locus ID:** 79785

**UniProt ID:** [Q9H628](#)

**Cytogenetics:** 12p12.3

**Gene Summary:** Binds GDP/GTP and may possess intrinsic GTPase activity.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate upstream start codon, compared to variant 1. The encoded isoform (b) has a distinct N-terminus and is shorter than isoform a.