

## Product datasheet for **RG237389**

### C1RL (NM\_001297642) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C1RL (NM_001297642) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C1RL
Synonyms:	C1r-LP; C1RL1; C1RLP; CLSPa
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237389 representing NM_001297642. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCTGGACCCAGAGTGTGGGGAAATATCTCTGGAGAAGCCCTCACTCCAAAGGCTGTCCAGGCGCA
ATGTGGTGGCTGCTTCTCTGGGGAGTCTCCAGGCTTGCCCAACCCGGGGCTCCGTCTTGGCCCAA
GAGCTACCCAGCAGCTGACATCCCCGGGTACCCAGAGCCGTATGGCAAAGCCAAGAGAGCAGCAGC
GACATCAAGGCTCCAGAGGGCTTGTGTGAGGCTCGTCTCCAGGACTTCGACCTGGAGCCGTCCCAG
GACTGTGCAGGGGACTCTGTCACAATCTCATTCTCGGTCGGATCCAAGCCAGTTCTGTGGTCAGCAA
GGCTCCCCCTGGGCAGGCCCTGGTCAGAGGGAGTTTGTATCCTCAGGGAGGAGTTTGGGGCTGACC
TTCCGCACACAGCCTTCCCGGAGAACAAGACTGCCACCTCCACAAGGGCTTCCGACCCTTACCAA
ACCGTGGCTGTGAATATAGTCAGCCCATCAGCGAGGCCAGCAGGGGCTCTGAGGCCATCAACGCACCT
GGAGACAACCCTGCCAAGGTCCAGAACCACTGCCAGGAGCCCTATTATCAGGCCGCGGCAGCAGCTTCA
ACTCCGAGCCTATTTCTTGCCTCTCCTCATTTACGCCACAGGGGCACTCACCTGTGCAACCCAGGGA
CCTGAAAGACAGACAGGATGGGGAGGAGTTCTCAGTGTATGCCTGTCTGCGGACGGCCAGTCACCC
CCATTGCCAGAATCAGACGACCCTCGGTTCTCCAGAGCCAAGCTGGGCAACTCCCCTGGCAAGCCT
TCACCAGTATCCACGGCCGTGGGGCGGGCCCTGCTGGGGACAGATGGATCCTCACTGCTGCCACA
CCATCTACCCAAAGGACAGTGTCTCTCAGGAAGAACCAGAGTG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



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**Protein Sequence:** >Peptide sequence encoded by RG237389  
 Blue=ORF Red=Cloning site Green=Tag(s)

MPGPRVWGKYLWRSPHSGKCPGAMWLLLVGLVQACPTRGSVLLAQELPQQLTSPGYPEPYGKQESST  
 DIKAPEGFAVRLVFQDFDLEPSQDCAGDSVTISFVGSQDPSQFCGQGSPLGRPPGQREFVSSGRSLRLT  
 FRTQPSSENKTAHLHKGFLLALYQTVAVNYSQPISEASRGSEAINAPGDNPAKVQNHQCQEPYYQAAAAAS  
 TPSLFLCLSSFTPQGHSPVQPGKTRDRMGRRFFSVCLADGQSPPLPRIRRPVLPPEPSWATSPGKP  
 SPVSTAVGAGPCWGTGSSLLPTPSTPRTVFLSGRTRV  
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV  
 MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP  
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001297642

**ORF Size:** 942 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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).

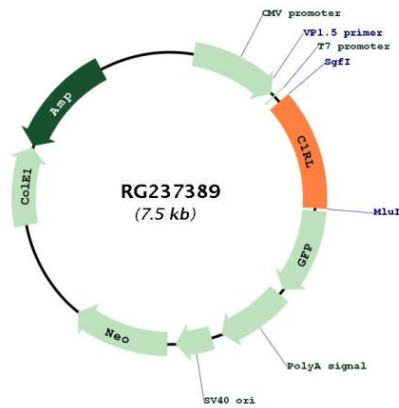
**RefSeq:** [NM\\_001297642.2](#)

**RefSeq Size:** 3450 bp

**RefSeq ORF:** 945 bp

Locus ID:	51279
Cytogenetics:	12p13.31
Protein Families:	Druggable Genome, Protease
MW:	34.1 kDa
Gene Summary:	Mediates the proteolytic cleavage of HP/haptoglobin in the endoplasmic reticulum. [UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for RG237389