

## Product datasheet for **RG236401**

### C1RL (NM\_001297643) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** C1RL (NM\_001297643) 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:** >RG236401 representing NM\_001297643.  
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTGAAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCTGGACCCAGAGTGTGGGGAAATATCTCTGGAGAAGCCCTCACTCCAAAGGCTGTCCAGGCGCA
ATGTGGTGGCTGCTTCTCTGGGGAGTCTCCAGGCTTGCCCAACCCGGGGCTCCGTCCTCTTGCCCAA
GAGCTACCCAGCAGCTGACATCCCCGGGTACCCAGAGCCGTATGGCAAAGGCCAAGAGAGCAGCAGC
GACATCAAGGCTCCAGAGGGCTTTGCTGTGAGGCTCGTCTCCAGGACTTCGACCTGGAGCCGTCGCCAG
GACTGTGCAGGGGACTCTGTACAATCTCATTCTCGTTCGGTTCGGATCCAAGCCAGTTCTGTGGTCAGCAA
GGCTCCCCCTGGGCAGGCCCCCTGGTCAGAGGGAGTTTGTATCCTCAGGGAGGAGTTTGGCGCTGACC
TTCCGCACACAGCCTTCTCGGAGAACAAGACTGCCACCTCCACAAGGGCTTCTGGCCCTTACCAA
ACCGTGGGTGAGTGTCCCTCTGGGGGTGCAGGGAGGGAGCCTCTGTTCCAGCCATGACCTGGTATC
TTCAAGCCT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG236401  
Blue=ORF Red=Cloning site Green=Tag(s)

```
MPGPRVWGKYLWRSPHSGKCPGAMWLLWVQLQACPTRGSVLLAQELPQQLTSPGYPEPYGKGQESST
DIKAPEGFAVRLVFQDFDLEPSQDCAGDSVTISFVGSQPSQFCGQQGSPLGRPPGQREFVSSGRSLRLT
FRTQPSSENKTAHLHKGFALYQTVGECPSWGCREGASVPSHDPGIFKP
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHP SILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

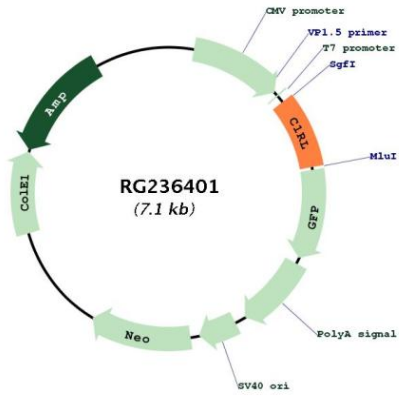
**Restriction Sites:** Sgfl-MluI



**Cloning Scheme:**


- ACCN:** NM\_001297643
- ORF Size:** 561 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\\_001297643.2](#)
- RefSeq Size:** 895 bp
- RefSeq ORF:** 564 bp
- Locus ID:** 51279
- Cytogenetics:** 12p13.31
- Protein Families:** Druggable Genome, Protease
- MW:** 20.8 kDa
- Gene Summary:** Mediates the proteolytic cleavage of HP/haptoglobin in the endoplasmic reticulum. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG236401