

## Product datasheet for **SC335283**

### C1RL (NM\_001297642) Human Untagged Clone

#### Product data:

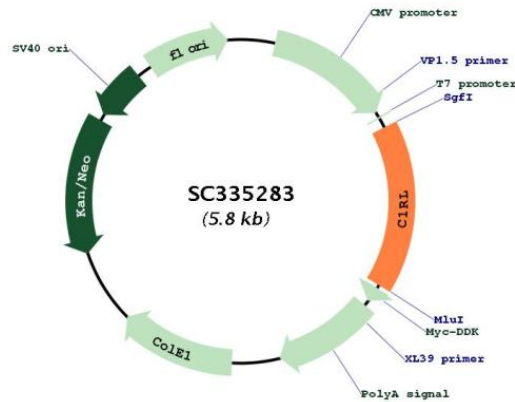
Product Type:	Expression Plasmids
Product Name:	C1RL (NM_001297642) Human Untagged Clone
Tag:	Tag Free
Symbol:	C1RL
Synonyms:	C1r-LP; C1RL1; C1RLP; CLSPa
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335283 representing NM_001297642. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCGCTGGACCCAGAGTGTGGGGAAATATCTCTGGAGAAGCCCTCACTCCAAAGGCTGTCCAGGCGCA
ATGTGGTGGCTGCTTCTCTGGGGAGTCTCCAGGCTTGCCCAACCCGGGGCTCCGTCCTCTTGCCCAA
GAGCTACCCAGCAGCTGACATCCCCGGGTACCCAGAGCCGATGGCAAAGGCCAAGAGAGCAGCAGCAG
GACATCAAGGCTCCAGAGGGCTTTGCTGTGAGGCTCGTCTCCAGGACTTCGACCTGGAGCCGTCGCCAG
GACTGTGCAGGGGACTCTGTCACAATCTCATTCTCGGTCGGATCCAAGCCAGTTCTGTGGTCAGCAA
GGCTCCCCTCTGGGCAGGCCCTGGTCAGAGGGAGTTTGTATCCTCAGGGAGGAGTTTGGCGCTGACC
TTCCGCACACAGCCTTCCTCGGAGAACAAGACTGCCACCTCCACAAGGGCTTCCTGGCCCTCTACCAA
ACCGTGGCTGTGAACTATAGTCAGCCCATCAGCGAGGCCAGCAGGGGCTCTGAGGCCATCAACGCACCT
GGAGACAACCCTGCCAAGGTCCAGAACCACTGCCAGGAGCCCTATTATCAGGCCGCGGCAGCAGCTTCA
ACTCCGAGCCTATTTCTTTGCCTCTCCTCATTTACGCCACAGGGGCACTCACCTGTGCAACCCAGGGA
CCTGGAAGACAGACAGGATGGGGAGGAGTTCTCAGTGTATGCCTGTCTGCGGACGGCCAGTCACCC
CCATTGCCAGAATCAGACGACCCTCGGTTCTTCCAGAGCCAAGCTGGGCAACTCCCCTGGCAAGCCT
TCACCAGTATCCACGGCCGTGGGGCGGGCCCTGCTGGGGACAGATGGATCCTCACTGCTGCCCAA
CCATCACCCTACCCCAAGGACAGTGTCTCTCAGGAAGAACCAGAGTGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



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**Plasmid Map:**


**ACCN:** NM\_001297642

**Insert Size:** 945 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\\_001297642.1](#)

**RefSeq Size:** 3450 bp

**RefSeq ORF:** 945 bp

**Locus ID:** 51279

**Cytogenetics:** 12p13.31

**Protein Families:** Druggable Genome, Protease

**MW:** 33.7 kDa

**Gene Summary:**

Mediates the proteolytic cleavage of HP/haptoglobin in the endoplasmic reticulum.

[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (3) differs in the 3' UTR, and uses an alternate splice site in the 5' coding region resulting in a frameshift, compared to variant 1. The encoded isoform (3) is shorter, and has a distinct C-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.