

Product datasheet for **SC334295**

C1RL (NM_001297643) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1RL (NM_001297643) 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:	>NCBI ORF sequence for NM_001297643, the custom clone sequence may differ by one or more nucleotides

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ATGCCTGGACCCAGAGTGTGGGGAAATATCTCTGGAGAAGCCCTCACTCCAAAGGCTGTCCAGGCGCAA  
TGTGGTGGCTGCTTCTCTGGGGAGTCTCCAGGCTTGCCCAACCCGGGGCTCCGTCCTCTTGGCCAAGA  
GCTACCCAGCAGCTGACATCCCCGGGTACCCAGAGCCGTATGGCAAAGGCCAAGAGAGCAGCACGGAC  
ATCAAGGCTCCAGAGGGCTTTGCTGTGAGGCTCGTCTTCCAGGACTTCGACCTGGAGCCGTCAGGACT  
GTGCAGGGGACTCTGTACAATCTCATTCTCGTTCGGATCCAAGCCAGTTCTGTGGTCAGCAAGGCTC  
CCCTCTGGGCAGGCCCTGGTCAGAGGGAGTTTGTATCCTCAGGGAGGAGTTTGC GGCTGACCTCCCGC  
ACACAGCCTTCTCGGAGAACAAGACTGCCACCTCCACAAGGGCTTCTGGCCCTCTACCAAACCGTGG  
GTGAGTGTCCCTCTGGGGTGCAGGGAGGAGCCTCTGTTCCAGCCATGACCTGGTATCTTCAAGCC  
TTAA
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001297643
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).



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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_001297643.1](#), [NP_001284572.1](#)

RefSeq Size: 895 bp

RefSeq ORF: 564 bp

Locus ID: 51279

Cytogenetics: 12p13.31

Protein Families: Druggable Genome, Protease

Gene Summary: Mediates the proteolytic cleavage of HP/haptoglobin in the endoplasmic reticulum. [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (4) lacks several exons and its 3' terminal exon extends past a splice site that is used in variant 1. This results in a novel 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (4) is shorter, and has a distinct C-terminus, compared to isoform 1.