

Product datasheet for **SC123943**

C1RL (NM_016546) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1RL (NM_016546) Human Untagged Clone
Tag:	Tag Free
Symbol:	C1RL
Synonyms:	C1r-LP; C1RL1; C1RLP; CLSPa
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_016546, the custom clone sequence may differ by one or more nucleotides

```
ATGCCTGGACCCAGAGTGTGGGGAAATATCTCTGGAGAAGCCCTCACTCCAAAGGCTGTCCAGGCGCAA
TGTGGTGGCTGCTTCTCTGGGGAGTCTCCAGGCTTGCCCAACCCGGGGCTCCGTCCTTTGGCCCAAGA
GCTACCCAGCAGCTGACATCCCCGGGTACCCAGAGCCGTATGGCAAAGGCCAAGAGAGCAGCAGCGAC
ATCAAGGCTCCAGAGGGCTTTGCTGTGAGGCTCGTCTCCAGGACTTCGACCTGGAGCCGTCAGGACT
GTGAGGGGACTCTGTACAATCTCATTCTCGTTCGGATCCAAGCCAGTTCTGTGGTCAGCAAGGCTC
CCCTCTGGGCAGGCCCCCTGGTCAGAGGGAGTTTGTATCCTCAGGGAGGAGTTTGC GGCTGACCTCCGC
ACACAGCCTTCTCGGAGAACAAGACTGCCACCTCCACAAGGGCTTCTGGCCCTTACCAAACCGTGG
CTGTGAATATAGTCAGCCCATCAGCGAGGCCAGCAGGGGCTCTGAGGCCATCAACGCACCTGGAGACAA
CCCTGCCAAGGTCCAGAACCCTGCCAGGAGCCCTATTATCAGGCCGCGGCAGCAGGGGCACTCACCTGT
GCAACCCAGGGACCTGGAAAGACAGACAGGATGGGGAGGAGTTCTTCAGTGTATGCCTGTCTGCGGAC
GGCCAGTACCCCCATTGCCAGAATCAGACGACCCTCGGTTCTTCCAGAGCCAAGCTGGGCAACTTCCC
CTGGCAAGCCTTACCAGTATCCACGGCCGTGGGGGCGGGGCCCTGTGGGGACAGATGGATCCTCACT
GCTGCCACACCATCTACCCCAAGGACAGTGTCTCTCAGGAAGAACCAGAGTGTGAATGTGTTCTTGG
GCCACACAGCCATAGATGAGATGCTGAACTGGGGAACCACCTGTCCACCGTGTGTTGTGCACCCCGA
CTACCGTCAGAATGAGTCCCATAACTTTAGCGGGGACATCGCCCTCCTGGAGCTGCAGCACAGCATCCCC
CTGGGCCCAACGTCTCCCGTCTGTCTGCCGATAATGAGACCCTTACCGCAGCGGCTTGTGGGCT
ACGTCACTGAGTTTGGCATGGAGATGGGCTGGCTAACTACTGAGCTGAAGTACTCGAGGCTGCCTGTAGC
TCCCAGGGAGGCTGCAACGCCTGGCTCCAAAAGAGACAGAGACCCGAGGTGTTTTCTGACAATATGTTT
TGTGTTGGGATGAGACGCAAAGGCACAGTGTCTGCCAGGGGACAGTGGCAGCGTCTATGTGGTATGGG
ACAATCATGCCATCACTGGGTGCCACGGCATTGTGTCTGGGCATAGGGTGTGGCAAGGGTATGA
CTTCTACACCAAGGTGCTCAGCTATGTGGACTGGATCAAGGGAGTGATGAATGGCAAGAATTGA
```



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_016546 unedited TACGCCTCACTATAGGGCGGCCGGAATTCGGCACGAGCAGATGTCCAGTTCAGATGCC TGGACCCAGAGTGTGTGGGAAATATCTCTGGAGAAGCCCTCACTCCAAAGGCTGTCCAGG CGCAATGTGGTGGCTGCTTCTCTGGGGAGTCTCCAGGCTTGCCCAACCCGGGGCTCCGT CCTCTTGGCCCAAGAGCTACCCAGCAACTGACATCCCCGGGTACCCAGAGCCGTATGG CAAAGGCCAAGAGAGCAGCACGGACATCAAGGCTCCAGAGGGCTTGTGTGAGGCTCGT CTTCCAGGACTTCGACCTGGAGCCGTCCAGGACTGTGCAGGGGACTCTGTCACAATCTC ATTCGTCGGTTCCGATCCAAGCCAGTTCTGTGGTCAGCAAGGCTCCNCTCTGGGCAGGCC CNCTGGTCAGAGGGAGTTTGTATCCTCAGGNAGGAGTTTGCGGCTGACCTTCCGCACACA GCCTTCTCGGAGAAACAAGACTGCCACCTCCACAAGGGCTTCTGGCCCTTACCAAAC CGTGGGGGCACTCACCTGTGCAACCNCAGGGACCTGGAAAGACAGACAGGATGGGGAAGA GGTTCTTCAGTGTATGCCTGTCTGCGGACGGCCAGTCACCCNCATTGCCAGAATCAGAC GAACCCTCGTTCTCCAGAGCCAAGCTGGGCAACTTCCCTGGCAAGCCTTACCAGTAT N
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_016546 unedited TTCCAGGCCAGGAGAGGCACTGGGGAGGGTACAGGGATGCCACCCGGGATCTGTTTCAG GAAACAGCTATGACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTT TATAAATATAGGTATATATATATTTTTTGCCTTGGCAGGGAGAACTCATATCATTTTT TGCAATCATAAAAATAAGCAAAAATAAAATAAAAACATTTTCATGCTCATTAAACAAATTTT AGCCAATAGAGAATAGTGGAAAACCAAACAGCCAAAATCTTATCAATAAAACCACCTCTG TTTAGTATTTTGAGAGAATTATTATTATTTTTTGGCGATGGGGTTTCACTATGTTGCTT AGGCTGGACTTCAACTCCTGGGCTCAAGCGATCCTCTTGCATCAGCCTCCTGAGTGGCTG GNGGTATAAGTGTGCATCATTGCACCTGCCTTTTGGGATATTTTTATAATCTTTTACTG ATGTGGTGTAACAGAAATATCAGATGTTGCAATTGATCTGCATTTAAATAATTAATTA CATACACTGCTTGAGCAAATACCCTCCCTTAGGTATTCATCATGAATGATATGGCTATGA AACCACTTTTGGGAAT
Restriction Sites:	NotI-NotI
ACCN:	NM_016546
Insert Size:	3300 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:	<ol style="list-style-type: none"> 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:	<u>NM_016546.1</u> , <u>NP_057630.1</u>
RefSeq Size:	3345 bp

RefSeq ORF: 1464 bp

Locus ID: 51279

UniProt ID: [Q9NZP8](#)

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 (1) encodes the longest 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.