

## Product datasheet for **MC216722**

### **C1rl (NM\_181344) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C1rl (NM_181344) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	C1rl
Synonyms:	C1r-LP; C1rl1; C1rlp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216722 representing NM\_181344  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCAGGGTTTCAGAGGCTGGTCCAGAGCTGGAGAACAGCCTATGGAGTTCTCCACCACAAGCTGCA  
 TGAGCAAGATGTGCTGGTGGCTCCTTTGGGAATCCTCCATACTTGCCCCACACAGGCCTCTGTGCTTTT  
 GGCCAGCAGTCACCACAGCAACTGACATCCCCTGGATACCCAGAGCCATATCTCAAAGGCCAGGAGAGC  
 CAACTGACATCGAGGCTCCAGAGGGTTTGTGTGAGGCTGACCTTCCAGGACTTTGATCTGGAGCCAT  
 CCCCAGACTGTGAAGGCGACTCTGTCAAAATTTCAACTGGAGGAACAGATGCAACCCGGCTGTGTGGGCG  
 GCAAGGTTCCCTCTGGGAACCCTCCTGGTACAGGGAGTTTGTATCTTCTGGTAGGAGCTGCGGCTG  
 ACCTTCCAGGCACACTCGTCTCAAGAGCAAAATCACACACCTCCACAAAGTTTCTGGCTCTCTACC  
 AAGCTGTAGCTGTGAACCAACCAATGGGGACACCGAGGCTGTACCACACCCGGAGCTCCAAGATTCA  
 GAACCACTGCCAAGATCCTTATTATAAGGCAGACCAGACAGGGACTTAGCTGCCATCCTCGTGAAG  
 TGAAGGACAGACAGGATGGAGGAGAGGTTCTGAATGCGTGCCAGTCTGTGGAAGACCAGTCTGCCCC  
 TTGCTGAGAACCACAACTTTTGGTTCTCCCGAGCTAAACTGGGCAACTTCCCTGGCAAGCCTTAC  
 CAGCATCTATGGTCGTGGGGTGGAGCCCTGCTGGGTGACAGATGGATCCTGACGGCTGCCCATACCATC  
 TACCCCAAGGATAGCATCTATCTCAGAAGGAACCAAGATGTGGAAGTGTCTGGGTACACAGACATAG  
 ACGAGCTACTGAAACTCGGAACCATCCTGTCCGTAGGGTCGTGGTTACCCAGACTACCGCAACATGA  
 GTCCCACTTCAATGGAGATATTGCTCTCCTGGAACCTGAGCAGAGAGTCCCTCTGGGGCCCAATCTC  
 CTCCAGTCTGTCTGCCGACAACGAGACCCTCTACCACAGCGCCTGTGGGTTACGTCAGTGGGTTTGT  
 GTGTGGAGATGGGCTGGTTAACAACAAAGTTGAAATACTCAAACCTGCCTGTAGCTCCAGGGAGGCTG  
 TGAAGCCTGGCTCCACCAGAGGCAGCGAACTGAGGTGTTTTCTGACAATATGTTCTGTGTTGGGAAGAG  
 ATGCAGGTGAACAGTGTCTGCCAGGAGACAGCGCAGCGTCTATGTGGTGTGGGACGATCTTGCTCTCC  
 GCTGGGTGGCCACAGGCATTGTATCCTGGGCATCGGGTGTGGCAAGGGGTACGGCTTCTACACAAAGT  
 GCTCAGCTACATGGATTGGATTAAGAGGGTATTGAAGGTAAAGACTGA

**ACGGT**ACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_181344

**Insert Size:** 1449 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\\_181344.5](#), [NP\\_851989.3](#)  
RefSeq Size: 3010 bp  
RefSeq ORF: 1449 bp  
Locus ID: 232371  
UniProt ID: [Q3UZ09](#)  
Cytogenetics: 6 F2  
Gene Summary: Mediates the proteolytic cleavage of HP/haptoglobin in the endoplasmic reticulum.  
[UniProtKB/Swiss-Prot Function]