

## Product datasheet for **MG207294**

### **C1rl (BC070472) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C1rl (BC070472) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C1rl
Synonyms:	C1r-LP, C1rlp, C1rl1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG207294 representing BC070472  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTGCTGGTGGCTCCTTTGGGGAATCCTCCATACTTGCCCCACACAGGCCTCTGTGCTTTTGGCCAGC  
 AGTCACCACAGCAACTGACATCCCCTGGATACCCAGAGCCATATCTCAAAGGCCAGGAGGCCACACTGA  
 CATCGAGGCTCCAGAGGGTTTGTGTGAGGCTGACCTTCCAGGACTTTGATCTGGAGCCATCCCCAGAC  
 TGTGAAGCGACTCTGTCAAAATTTCAACTGGAGGAACAGATGCAACCCGGCTGTGTGGCGGCAAGGTT  
 CCCCTCTGGGGAACCTCCTGGTACAGGGAGTTGTATCTTCTGGTAGGAGCCTGCGGCTGACCTTCCA  
 GGCACACTCGTCTCCAAGAGCAAAATCACACACCTCCACAAAGGTTTCTGGCTCTCTACCAAGCTGTA  
 GCTGTGAACCAACCAATGGGGACACCGAGGCTGTACCACACCCGGAGCTCCCAAGATTCAGAACCACT  
 GCCAAGATCCTTATTATAAGGCAGACCAGACAGGGACACTTAGCTGCCCATCCTCGTGAAGTGAAGGA  
 CAGACAGGATGGAGGAGAGGTTCTGAATGCGTGCCAGTCTGTGGAAGACCAGTCTCCCCCTTGTGAG  
 AACCCAAACACTTTTGGTTCTTCCCGAGCTAAACTGGGCAACTTCCCCTGGCAAGCCTTACCAGCATCT  
 ATGGTCTGTGGGGTGGAGCCCTGCTGGGTGACAGATGGATCCTGACGGCTGCCCATACCATCTACCCCAA  
 GGATAGCATCTATCTCAGAAGGAACAGAAATGTGGAAGTGTCTGGGTACACAGACATAGACGAGCTA  
 CTGAAACTCGGGAACCATCCTGTCCGTAGGGTTGTGGTTCACCCAGACTACCGCCAACATGAGTCCCACA  
 ACTTCAATGGAGATATTGCTCTCCTGGAAGTGGAGCAGAGTCCCTCTGGGGCCCAATCTCTCCAGT  
 CTGTCTGCCGACAACGAGACCCCTACACAGCGGCTGTGGGGTTACGTCAGTGGGTTTGGTGTGGAG  
 ATGGGCTGGTTAAACAACAAGTTGAAATACTCAAACTGCCTGTAGCTCCAGGGAGGCCGTGAAGCCT  
 GGCTCCACCAGAGGCAGCAACTGAGGTGTTTTCTGACAATATGTTCTGTGTTGGGAAGAGATGCAGGT  
 GAACAGTGTCTGCCAGGGAGACAGCGGCTCTATGTGGTGTGGGACGATCTTGTCTCCGCTGGGTG  
 GCCACAGGCATTGTATCCTGGGGCATCGGTGTGGCAAGGGGTACGGCTTCTACCCAAAGTGTCTAGCT  
 ACATGGATTGGATTAAGAGGGTATTGAAGGTAAGAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>MG207294 representing BC070472  
 Red=Cloning site Green=Tags(s)

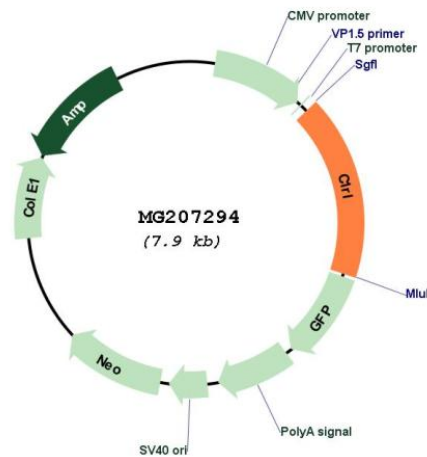
MCWLLWGILHTCPTQASVLLAQSPQQLTSPGYPEPYLKGQESHDI EAPEGFVRLTFQDFDLEPSD  
 CEGDSVTISTGGDATRLCGRQGSPLGNPPGHREFVSSGRSLRLTFQAHSSSKSKITHLHKGFALYQAV  
 AVNQPNGDTEAVTTPGAPKIQNHCDPYKADQGTLSPPSSWKWKDRQDGGVEPCVPVCGRPVPLAE  
 NPNTFGSSRAKLGNFQWQAFSTIYGRGGGALLGDRWILTAHTIYPKDSIYLRRNQNEVFLGHTDIDEL  
 LKLGHPVRRVVVHPDYRQHESHNFNGDIALLELEQRVPLGPNLLPVCLPDNETLYHSLWGYVSGFGVE  
 MGWLTTKLYSKLPVAPREACEAWLHQQRTEVFSNMFCVGEEMQVNSVCQGDSSGVYVWDDLALRWY  
 ATGIVSWGIGCGKGYFYTKVLSYMDWIKRVIEGKD

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

**Plasmid Map:**


ACCN: BC070472

ORF Size: 1370 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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC070472</a></u> , <u><a href="#">AAH70472</a></u>
<b>RefSeq Size:</b>	1726 bp
<b>RefSeq ORF:</b>	1370 bp
<b>Locus ID:</b>	232371
<b>Cytogenetics:</b>	6 F2
<b>Gene Summary:</b>	Mediates the proteolytic cleavage of HP/haptoglobin in the endoplasmic reticulum. [UniProtKB/Swiss-Prot Function]