

Product datasheet for **RN203459**

C1rl (NM_001002804) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1rl (NM_001002804) Rat Untagged Clone
Tag:	Tag Free
Symbol:	C1rl
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203459 representing NM_001002804
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGCTGGTTGCTCCTTTGGGGAATCCTCCATACTTGCCCCACACAGGCCTCTGTGCTTTAGCCAGC
 AGTTTCCTCAGCAACTGACATCCCCGGATACCCAGGCCATATATCAAAGGCCAGGAGGCCATGTCTGA
 CATCGAGGCCCGGAGGGGTTTGCCGTGAGACTGATCTTCCAGGACTTTGATCTGGAGCCGTCCCCAGGC
 TGTGAAGCGACTCTGTCAACATTTCAACCAGAGGAACAGATGCAACCCGGCTGTGTGGGCAGCAAGGTT
 CCTCTCTGGGAGCCCTCCAATCAAATGGAGTTTGTATCCTCCGGGAGGAGCCTTCGGCTGACCTTCCG
 GGCACACTCCTCAAGAACAAGTCACACACCTCCACAAAGGCTTCTGGCTCTTACCAAGCCGCTGTG
 AGCCAACCAATGGGACGCTGAGGCTTACCACACCTGGAGCCAACCTCCCGAGATTCAGAACCACT
 GCCCAGGTCCTATTATAAGGAAGAACAGACAGGGACACTTAGCTGCCCATCCTCTCGGAAGTGAAGGA
 CAGACAGCGTGGAGAAGAGGTTCTGAGTGTGCGGGTCTGTGGAAGACCAGTTGTCCCATTGCCGAG
 AACCCAAACACTTTTGGTTCTTCCAGAGCCAAGCCTGGCAACTTCCCCTGGCAAGCCTTACCAGTATCT
 ATGGCCGTGGGGCGGAGCCCTGCTGGGTGACAGATGGATCCTGACGGCTGCCCATACCATCTTCCCAA
 GGATAGCATCTATCTCAGAAAGAACAAGACTGTGAATGTGTTTCTGGGTACACAGACGTAGACGAGCTG
 CTGAAACTGGGGAACCATCTGTCCGAAGGGTGGTGGTTCACCCAGACTACCGCAAGAGGAGTCCCACA
 ACTTTGATGGGGATATCGCCCTCTGGAGCTTGAGCACAGGGTCCCTCTGGGGCCAGTCTCTCCCGGT
 CTGTCTGCCGACAACGAGACCTCTACCACAGCGCCTGTGGGGTTACATCAGTGGGTTCCGGTGTGGAG
 ATGGGCTGGTTGACGACAAAGTTGAAATACTCAAAGCTGCCTGTAGCTCCCGGGAGGCCGTGAAGCCT
 GGCTCCGCCAGAGGCAGCGAACTGAGGTGTTTTCTGACAATATGTTCTGTGTCGGGGAAGAGATGCAGGT
 CAACAGTGTCTGCCAGGGAGACAGTGGCAGCGTCTACGTGGTGTGGGACGACCGTCTCTCGCTGGGTG
 GCCACGGCATTGTATCCTGGGCGTGGGTGTGGCAAGGGGTACGGCTTCTACACCAAAGTGTCTAGCT
 ACGTGGATTGGATTAAGGGGTGATTGAATGTAAGACCGATGCCCGGAGGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001002804

Insert Size: 1386 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_001002804.1](#), [NP_001002804.1](#)

RefSeq Size:	1386 bp
RefSeq ORF:	1386 bp
Locus ID:	408246
UniProt ID:	<u>Q6IE64</u>
Cytogenetics:	4q42
Gene Summary:	human homolog catalyzes the cleavage of the haptoglobin precursor protein [RGD, Feb 2006]