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Product datasheet for MC220964

C1rb (NM_001113356) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1rb (NM_001113356) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	C1rb
Synonyms:	667277; Gm8551; mC1rB
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

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Fully Sequenced ORF:

>MC220964 representing NM_001113356
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTGGCTCTTTGCCCTCCTGGTGACCCTGTTCTATGGGGTGGAAGGCTCCATCTACCTCCCTCAGAAGC
TCTATGGAGAGGTGACCTCCCCTCTGTATCCCAAGCCTTACCCCAGTGACTTGGAGACAACCACTGTGAT
CACTGTCCCCATGGGGTACAGGGTGAAGCTGGTCTTCTGGCAGTTTGACGTGGAGCCTTCTGAAGGCTGC
CTCTATGACTATGTTAAGATTTCTGCTGATAAGCAAACACTGGGGAGGTTCTGTGGGCAGCTGGATTCTC
CCCTGGGCAACCCCCCAGGAAGCAAGGAATTCATGTCCCAAGGAAACAAGATGCTGCTGACCTTCCACAC
AGACTTCTCCAATGAGGAGAATGGGACCATCATGTTCTACAAGGGCTTCCTGGCCTACTACCAGGCTGTA
GACCTTGATGAATGTGCATCGCAGCCCAACTCAGTGGAAGAGGGTTTGCAGCCCCGATGCCAACATCTGT
GTCACAACTATGTTGGAGGCTACTTCTGTTCCTGCCATCCTGGCTATGAGCTTCAGAAAGATGGGCAATC
CTGCCAGGCTGAGTGCAGCAGTGAGCTCTACACAGAGCCCTCAGGCTATGTCTCCAGCCTTGAATACCCT
CAGCCCTATCCACCGGATCTACGCTGCAACTACAGCATCCGGGTGGAGAGGGGCCTCACTGTGCACCTCA
AGTTCCTGGATCCTTTTGAAATTGATGACCACCAGCAAGTGCACTGCCCCTATGACCAGCTCCAGATCTA
CGCTAATGGGAAGAACTTGGGTGAATTCTGTGGAAAGCAAAGGCCTCCAGACCTTGACACCAGCAGCAAT
GCAGTGGATCTGCTGTTCTTCACAGATGAGTCAGGGGACAGCCGAGGCTGGAAGCTGCACTACACCACTG
AAACCATCAAGTGCCCCCAGCCCAAGGCTCTGGATGAGTTCACCATCATCCAGGATCCACAGCCTCAGTA
CCAGTTCCGGGATTACTTCACTGTCACCTGCAAGCAAGGCTACCAGCTCATGGAGGGAAATCAGGCGCTA
CTGTCCTTCACAGCTGTTTGCCAGCATGATGGCACGTGGCATCGTGCCATGCCCAGGTGCAAGATCAAGA
ACTGTGGGCAGCCCCAAAGCCTGTCTAATGGGGACTTCCGCTACATCACCACAAAAGGTGTGACCACCTA
TGAAGCCAGTATCCAGTATCACTGCCATGAACCATATTACAAGATGCTGACCAGAGCTGGCAGCAGCGAG
TCCATGCGAGGGATATATACCTGCACAGCCCAAGGCATTTGGAAGAATGAAGAGGAAGGAGAGAAAATGC
CCCGGTGTCTGCCAGTGTGTGGGAAACCTGTCAACCCTGTGACACAGAAGGAGCGCATCATTGGAGGGCA
GCCAGCCAGGCCCGGCAACTTCCCCTGGCAGGCCTTCACCACTATCTATGGGCCAGGGGGTGGGGCCCTG
CTTGGAGACCGCTGGATCCTCACAGCAGCCCACACCATCTACCCCAAGTATCCCAACAAAGGAAAAAACA
CCAACCCCAGAACGCTTGTTTTCCTGGGCCACACAAACATGGAACAGATCCAAAAACTGGGACATCACCC
AGTCCGTAGGGTCATCATACACCCAGACTACCGCCAAGAAGAACCTGACAATTTTGAAGGAGACATTGCT
CTACTGGAGCTGGAAAACAGTGTCACACTGGGCCCCGAACTCCTCCCCATCTGTCTCCCAGACAATGAGA
CCTTCTATGGCCAAGGCCTCATGGGTTATGTCAGCGGATTCGGGACAACAGGAAATAGGATACCTTTCCA
TCTCAGGTTTGTCAGACTGCCTGTAGCTGATCGAGAGGCATGCCAGAGATGGCTCTGGACAAAAAAGGAT
ACTTCTCCATTTTCTCAAAATATGTTCTGTTCTGGGGACCCAGCTGTACAGCAAGACGCCTGCCAGGGGG
ACAGTGGGGGTGTTTTTGCAGTCAGGGACAGAAATCGTGATATCTGGGTGGCTACGGGCATCGTATCCTG
GGGCATTGGGTGTGGTGAGGGATATGGCTTCTACACCAAGGTACTGAATTATGTTGACTGGATCAAGAAA
GAGATGGGAGACGAAAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001113356

Insert Size: 2121 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_001113356.1, NP_001106827.1
RefSeq Size:	2166 bp
RefSeq ORF:	2121 bp
Locus ID:	667277
UniProt ID:	Q8CFG9
Cytogenetics:	6
Gene Summary:	C1r B chain is a serine protease that combines with C1q and C1s to form C1, the first component of the classical pathway of the complement system.[UniProtKB/Swiss-Prot Function]