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Product datasheet for MC220545

C1s2 (NM_173864) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	C1s2
Synonyms:	C1sb; EG317677; Gm5077
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>MC220545 representing NM_173864
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGCAAATCGCCAGGGATGTGGTATTTGGTCCTGTTTTCTCTTTTGGCATCATTTTCTGCTGAGCCCA
CCATGCATGGGGAGATCCTGTCCCCTAACTATCCCCAGGCGTACCCCAATGACGTCGTGAAATCTTGGGA
CATTGAAGTCCCAGAGGGGTTTGGGATTCACCTTTACTTTACCCATGTGGACATAGAGCCGTCAGAGAGC
TGTGCATACGACTCAGTGCAGATAATCTCAGGAGGCATCGAGGAAGGGAGACTCTGTGGTCAGAGGACCA
GCAAGAGCCCCAACTCCCCCATTATAGAAGAGTTTCAGTTCCCATACAATAAACTTCAGGTGGTCTTTAC
CTCAGACTTCTCCATCGAAGAACAGTTTACCGGCTTTGCAGCATACTACACTGCCATAGACGTAAACGAA
TGCACAGATTTTACAGATGTCCCCTGTAGCCACTTCTGCAATAACTTCATTGGTGGATACTTCTGCTCCT
GTCCCCCAGAATACTTCCTCCATGATGACATGAGGAATTGTGGAGTCAACTGTAGTGGAGATGTGTTCAC
TGCCCTGATTGGGGAGATCTCAAGTCCCAATTATCCCAATCCATACCCGGAGAACTCAAGGTGTGAATAC
CAGATTCAACTGCAGGAGGGCTTCCAAGTGGTGGTGACGATGCAGAGAGAAGATTTTGATGTGGAGCCCG
CTGACTCAGAGGGGAACTGCCCTGACAGTTTAACTTTTGCTGCAAAAAACCAACAGTTTGGTCCTTACTG
TGGCGATGGGTTTCCTGGACCGCTAACTATTAGAACCCAGAGCAATACTCTCGGCATTGTCTTTCAAACT
GATCTAATGGGGCAAAAAAAGGGTTGGAAGCTTCGTTACCATGGAGATCCCATCTCCTGTCCTAAAGAAA
GCACTGCCAATTCTAATTGGGAGCCCGATAAGGCAAAATACGTGTTTAAAGATGTGGTGAAGATAACCTG
TGTGGACGGATTTGAAGTTGTGGAGGGACATGTTAGCTCTACTTCATACTATTCCACTTGTCAAAGCGAT
GGACAGTGGAGCAACTCCGGTCTAAAATGTCAACCTGTGTATTGTGGAATTCCAGATCCCATTGCGAATG
GTAAAGTTGAAGAGCCAGAGAATAGTGTGTTTGGTACTGTCATTCACTATACGTGTGAAGAGCCATATTA
CTACATGGAACATGAAGAAGGTGGGGAGTATCGATGTGCTGCAAATGGGAGATGGGTAAATGACCAGCTG
GGTATTGAGCTTCCAAGATGTATTCCAGTCTGTGGAGTACCCACCGAGCCCTTTCAAGTGCAGCAGAAGA
TATTCGGAGGACAACCTGCAAAGATTGAAAATTTTCCCTGGCAAGTCTTCTTTAATCACCCCACAGCTGG
TGGGGCTCTTATTAATGAGTACTGGGTGCTGACGGCCGCTCACGTTGTGGAGAAAAACTCCGACCCTTCA
ATGTATGCCGGGATCACGGCTTTGAGACTGGCTGACTTGGAAAATGCCCAGAGGCTCTACACCAAGCGTG
TGATTATTCATCCCGGCTGGAAGGAAGACGATGACCTAAACCCACGGACAAATTTTGACAATGACATTGC
CCTGGTCCAGCTGAAAGACCCTGTGAAAATGGGACCCAAGTTTTCCCCCATCTGCCTACCAGGCACCTCC
TCAGAGTACAACCTCTCACCGGGTGACATGGGGCTGATCTCAGGGTGGGGCAGAACAGAAAAGAGACTCC
ATGTTATCAACCTCAGAGGGGCAAAGGTACCGGTAACCTCTTTAGAAACCTGCAAACAGGTGAAAGAAGA
GAACCCCACAGCAAGGCCAGAGGACTATGTTATCACTGACAACATGATCTGTGCTGGTGAGAAGGGTGTT
GACAGCTGTAAAGGGGACAGTGGAGGGGCTTTTGCTTTCCAGGTCCCCAATGTCAAGGCCCCAAAATTCT
ATGTAGCTGGGTTGGTGTCTTGGGGAAAAAAGTGTGGGGCCTATGGGGTCTACACAAAGGTAAAGAATTA
TGTGGACTGGATCCTGAAAACTATGCAGGAGAATAGTGGGCCCAGGAAGGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_173864

Insert Size: 2085 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_173864.2, NP_776289.2
RefSeq Size:	2662 bp
RefSeq ORF:	2085 bp
Locus ID:	317677
UniProt ID:	Q8CFG8
Cytogenetics:	6 F2
Gene Summary:	C1s B chain is a serine protease that combines with C1q and C1r to form C1, the first component of the classical pathway of the complement system. C1r activates C1s so that it can, in turn, activate C2 and C4 (By similarity).[UniProtKB/Swiss-Prot Function]