

## Product datasheet for **MC206309**

### **C1s (BC022123) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C1s (BC022123) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	C1s
Synonyms:	MGC37773, C1sa
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC022123  
 ATCAGCTCCTGAAGGTAACAACCTTTAAAGAGCAAGCCTTAAAGAGAGAAGCTTTGATGAAGGAAGAGGGA  
 AAGACAAGGAACCATGTACAGTGACACTGAGCCCTGGGTGGTCCCTCACTACCAAAGCAGGCACCTGTAC  
 TTGTGAGATAAAGACAGCCAGGACTGCTGACTGCCCTTACCTCCAAAATCAGAGAGCCAGAGAGCCAGA  
 GAGCCATGGGCAAATCGCCAGGGATGTGGTGTGGTCCCTGTTTTCTCTTTGGCATTTTTCTGCTGA  
 GCCCACCATTGAAAGTCCCAGAGGGTGGGATTACCTCTACTTTACCCATGTGGACATAGAGCCGTCAG  
 AGAGCTGTGCATACGACTCAGTGCAGATAATCTCAGGAGCATCGAGGAAGGGAGACTCTGTGGCCAGAA  
 GACCAGCAAGAGCCCAACTCCCCATTATAGAAGAGTTTCAGTTCCCATACAATAAACTTCAGGTGGTC  
 TTTACCTCAGACTTCTCCAACGAAGAACGGTTTACGGGCTTTCAGCATACTACACTGCCATAGACATAA  
 ATGAATGCACAGATTTTACAGATGTCCCTGTAGCCACTTCTGCAATAACTTCATTGGTGGATACTTCTG  
 CTCCTGTCCCCAGAATACTTCTCCACGATGACATGAGGAATTGTGGAGTCAACTGTAGTGGAGATGTG  
 TTCCTGCTCCCTGATTGGGGAGATCTCAAGTCCCAATTATCCCAATCCATACCCGGAGAACAAGGTGTG  
 AATACCAGATTCAGCTGCAGGAGGGCTTCCAAGTGGTGGTGCAGTCAAAGAGAAGATTTTGTATGTGA  
 GCCTGCTGACTCAGAGGGGAAGTCCCTGACAGTTTAACTTTTGTCTCAAAAACCAACAGTTTGGTCT  
 TACTGTGGTAATGGGTCCCTGGACCGTAACATTAGAACCAGAGCAATACTCTCGGCATTGTCTTTC  
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 ACCTGTGTGGACGGATTTGAAGTTGTGGAGGGACATGTTAGCTCTACTTCATACTATTCCACTTGTCAA  
 GCGATGGACAGTGGAGCAACTCCGGTCTAAAATGTCAACCTGTGTATTGTGGAATCCAGATCCCATTGC  
 GAATGGTAAAGTTGAAGAGCCAGAGAATAGTGTGTTGGTACTGTTGTTCACTACACGTGTGAAGAGCCA  
 TATTACTACATGGAACATGAAGAAGGTGGGGAGTATCGATGTGCTGCAAAATGGGAGATGGTAAATGACC  
 AGCTGGTATTGAGCTTCCAAGATGTATCCAGCCTGTGGAGTACCCACCGAGCCCTTCAAGTGCATCA  
 GAGGATATTTGGAGGACAACTGCAAAAGATTGAAAATTTCCCTGGCAAGTCTTTAATCACCCAGAA  
 GCTAGTGGGGCTTTAATGAGTACTGGGTGCTGACGGCTGCTCACGTTTTGGAGAAAATCTCCGACC  
 CTTAATGTATGTGGGACCATGTCTGTGAGGACAACCTCTTGGAAAATGCCAGAGACTCTACAGTAA  
 ACGTGTCTTTATTCATCCAGCTGGAAGAAAGAAGATGACCCAAACACACGGACAAATTTGACAATGAC  
 ATTGCCCTGGTGCAGCTGAAAGACCCTGTGAAAATGGGACCCAAAGTCTCCCCATCTGCCTACCAGGCA  
 CCTCTCAGAGTACAACGTCTACCGGGTGCATGGGGCTGATCTCAGGGTGGGGCAGTACAGAAAAGAA  
 AGTCTTTGTTATCAACCTCAGAGGGGCAAAGTACCAGTAACCTCTTTAGAAACCTGCAAAACAGGTGAAA  
 GAGGAGAACCCCACTGTAAGGCCTGAGGACTATGTTTTCACTGACAACATGATCTGTGCTGGCGAGAAAG  
 GTTTGACAGCTGTACGGGGACAGCGGGGGCTTTTGTCTTCCAGGTCCCAATGTACGGTCCCCAA  
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 AATTACGTGGACTGGATCCTGAAAACATGCAGGAGAATAGTGGGCCAGGAAGGACTAATCCGTAGGGC  
 GACAACTCCCCTCAAGGGCATAGCAAGCTCACTGTTCTCAGATCCTATGGTGGTCCCTTATTTCAAC  
 GATGGAGAGAAGATGTGGGAGTATGGTTAATGCTGAACTTGAATTGCAAAAGATCTGCATGGAGGACGG  
 TTGATCACTGAGCCGTGTTGGTTATTCAGTTACTATTGCTAACAACATGGCAGAAACCTTCTATCTTGC  
 GCTATTCACAGGGATATCTTATCCGATCTTCCCTCATTTAACCTGCTTGAATTCCTGAATAATTTACA  
 GCAAAGCATGCTTCCAACCTGGTCTGGCTGTATGGAGAGCCACGAAGGAGAGAGAGGGAGATTTGGGG  
 CATAGCATCATGGAATTCAGGCATCAACAGCATGGAACCTCTGCATCTTACAAGATGCAGACAGGGAAC  
 ACAGCCTTTTATCTTTCTAGTGAAGTACCGAATACTCAGAAGTTAGAATGACTACCTTAGTTTTTC  
 TCTGTGAGTTGCTCAATATATTTCTAGAAAATTAATTTTCTGTAATCCTCCTTTGTATCATACAGTGT  
 AATGACTTAGTAAAATAGAAAATTGAACATTAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** BC022123  
**Insert Size:** 2085 bp

<b>OTI Disclaimer:</b>	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).
<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>	<a href="#">BC022123</a> , <a href="#">AAH22123</a>
<b>RefSeq Size:</b>	2915 bp
<b>RefSeq ORF:</b>	2085 bp
<b>Locus ID:</b>	50908
<b>Cytogenetics:</b>	6 F2
<b>Gene Summary:</b>	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]