

## Product datasheet for **MC204290**

### Serpinc1 (NM\_080844) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Serpinc1 (NM\_080844) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Serpinc1  
**Synonyms:** A1114908; At-3; At3; ATIII  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC019447  
 ATTTTAGTGAAGTGGTGAGATATAAGACATAATCAGAAGACATATCTACCTGAAGACTTTAAGGGGAGAG  
 CTCCCTCCCCACCTGGCCTCTGGACCTCTCAGATTTAGGGGAAAGAACCAGTTTTCGGAGTGATCGTCT  
 CAGTCAGCACCATCTCTGTAGGAGCATCGCCATGTATTCCCCTGGGGCAGGAAGTGGGGCTGCTGGTGA  
 GAGGAAGCTTTGTCTCCTCTCTGCTCCTCATCGGTGCCTTGGGCTGTGCTATCTGTACGGAAACCTT  
 GTGGACGACATCTGCATAGCGAAGCCCCGAGACATCCCCGTGAATCCCTTGTGCATTTACCGCTCCCTG  
 GGAAGAAGGCCACCGAGGAGGATGGCTCAGAGCAGAAGTTCCAGAAGCCACCAACCGCGGGTCTGGGA  
 ACTGTCCAAGGCCAATTCGCGATTTGCCACTAACTTCTACCAGCACCTGGCAGACTCCAAGAATGACAAC  
 GACAACATTTTCTGTCCCTTGAGCATCTCCACTGCTTTTGTATGACCAAGCTGGGTGCTGTAACG  
 AACTCTCAAGCAGCTGATGGAGGTTTTAAATTTGATACCATCTCCGAGAAGACATCCGACCAGATCCA  
 CTTCTTTTGGCAAAGTGAAGTCCGACTCTATCGAAAAGCCAAAGTCTCTGACTTGGTATCAGCC  
 AACCGCCTTTTTGGAGACAAATCCCTCACCTTCAACGAGAGCTATCAAGATGTTAGTGAGGTTGTCTATG  
 GAGCCAAGCTCCAGCCCCTGGACTTCAAGGAGAATCCGGAGCAATCCAGAGTGACCATCAACAAGTGGT  
 AGCTAATAAGACTGAAGGCCGCATCAAAGATGTCATCCCACAGGGCGCCATTAACGAGCTCACTGCCCTG  
 GTTCTGGTTAACACCATTTACTTCAAGGGCCTGTGGAAGTCAAAGTTCAGCCCTGAGAACAAGGAAGG  
 AACCGTTCTATAAGGTCGATGGCAGTCATGCCAGTGCCTATGATGTACCAGGAAGGCAAAATCAAATA  
 CCGGCGCGTGGCAGAGGGCACCCAGGTGCTAGAGCTGCCCTTCAAGGGGATGACATCACCATGGTGCTC  
 ATCCTGCCAAGCCTGAGAAGAGCCTGGCCAAGGTGGAGCAGGAGCTCACCCAGAGCTGCTGCAGGAGT  
 GGCTGGATGAGCTGTGAGAGACTATGCTTGTGGTCCACATGCCCGCTTCCGCACCGAGGATGGCTTCAG  
 TCTGAAGGAGCAGCTGCAAGACATGGGCCTCATTGATCTCTTCAAGCCCTGAAAAGTCCCAACTCCCAGGG  
 ATCGTTGTCTGGAGGCAGGACGACCTCTATGTCTCCGACGCAATCCACAAAGCATTTCCTGAGGTAATG  
 AGGAAGGCAGTGAAGCAGCAGCGAGTACTTCTGTGCGTATTACTGGCCGCTCACTGAACCCCAATAGGGT  
 GACCTTCAAGGCCAACAGGCCCTTCTGGTTCTTATAAGGGAAGTGCAGTGAACACTATTATATTCATG  
 GGGAGAGTGGCTAATCCTTGTGTGAACTAAAATATTCTTAATCTTTGCACCTTTTCTACTTTGGTGT  
 GTGAATAGAAGTAAAAATAAATACGACTGCCACCTCACGAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI



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<b>ACCN:</b>	NM_080844
<b>Insert Size:</b>	1398 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>	<u><a href="#">BC019447</a></u> , <u><a href="#">AAH19447</a></u>
<b>RefSeq Size:</b>	1672 bp
<b>RefSeq ORF:</b>	1398 bp
<b>Locus ID:</b>	11905
<b>UniProt ID:</b>	<u><a href="#">P32261</a></u>
<b>Cytogenetics:</b>	1 69.75 cM
<b>Gene Summary:</b>	<p>Most important serine protease inhibitor in plasma that regulates the blood coagulation cascade. AT-III inhibits thrombin, matriptase-3/TMPRSS7, as well as factors IXa, Xa and XIa. Its inhibitory activity is greatly enhanced in the presence of heparin (By similarity).            [UniProtKB/Swiss-Prot Function]</p>