

## Product datasheet for **MC200786**

### Serpina1c (BC011041) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Serpina1c (BC011041) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Serpina1c  
**Synonyms:** PI3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC011041  
 CCACGCGTCCGCCACCCAGCTCTGGGACAGCAAGCTGAAAATGACTCCCTCCATCTCATGGGGTCTACTG  
 CTTCTGGCAGGCCTGTGTTGCTTGGTCCCCAGCTTTCTGGCTGAGGATGTTTCAGGAGACAGACACCTCCC  
 AGAAGGATCAGTCCCCAGCCTCCCATGAGATCGCTACAAACCTGGGAGACTTTGCCATCAGCCTATACCG  
 GGAGCTGGTCCATCAGTCCAACACTTCCAACATCTTCTTCTCCCCAGTGAGCATTGCCACAGCCTTTGCT  
 ATGCTCTCCCTAGGGAGCAAGGGTGACACTCACACGCAGATCCTAGAGGGCCTGCAGTTCAACCTCACAC  
 AAACATCGGAGGCTGACATCCACAAGTCTTCCAACACCTCCTCCAAACCCTCAACAGACCAGACAGTGA  
 GCTGCAGCTGAGCACAGGCAATGGCCTCTTTGTCAACAATGACCTGAAGCTGGTGGAGAAGTTTCTGGAA  
 GAGGCCAAGAACCATTATCAGGCAGAAGTCTTCTGTCAACTTGCAGAGTCAGAGGAGGCCAAGAAAAG  
 TGATTAATGATTTTGTGGAGAAGGGAACCCAAGGAAAGATAGTTGAGGCGGTGAAAAAATGGACCAAGA  
 CACAGTTTTCGCCCTGGCAAATTACATTCTCTTAAAGGCAAATGGAAGAAGCCATTCGATCCTGAGAAC  
 ACTGAGGAAGCTGAGTTCACGTGGACGAGTCCACCACGGTGAAGGTGCCATGATGACCCTCTCGGGCA  
 TGCTTGATGTGCACCATTCAGCAGCAGCTGTCCAGCTGGGTGCTGCTGATGGATTATGCAGGCAATGCCAC  
 TGCTGTCTTCTTCTGCCGATGATGGGAAGATGCAGCATCTGGAGCAAACCTCTCAGCAAGGAGCTCATC  
 TCTAAGTTCCTGCTAAACAGGCGCAGAAGGTTAGCCCAGATCCACTTCCCAGACTGTCCATCTCTGGAG  
 AATATAACTTGAAGACTCATGAGTCCACTGGGCATCACCCGAATCTTCAACAATGGGGCTGACCTCTC  
 CGGAATCACAGAGGAGAATGCTCCCTGAAGCTCAGCCAGGCTGTGCATAAGGCTGTGCTGACCATCGAT  
 GAGACAGGAACAGAAGCTGCAGCAGTACAGTCTTACTAGCCGTTCCCTTATTCTATGCCCCCTATCCTGC  
 GCTTCGACCACCTTTCTTTTCATAATATTTGAAGAACACACTCAGAGCCCCCTTTTGTGGGAAAAGT  
 GGTAGATCCACACATAAATGACCACCCTAAGATGTCATCTTCTTCTGAATTGGGTTCTTCCATTAA  
 ACACAGGCTGGCCTGGCTCGTGCCTGATGCTACAGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** BC011041  
**Insert Size:** 1242 bp



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<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="#">BC011041</a></u> , <u><a href="#">AAH11041</a></u>
<b>RefSeq Size:</b>	1395 bp
<b>RefSeq ORF:</b>	1242 bp
<b>Locus ID:</b>	20702
<b>Cytogenetics:</b>	12 52.98 cM
<b>Gene Summary:</b>	Inhibitor of serine proteases. Can inhibit trypsin and chymotrypsin; relatively ineffective against elastase.[UniProtKB/Swiss-Prot Function]