

## Product datasheet for **MC200809**

### Serpina1c (BC009818) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Serpina1c (BC009818) 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:** >BC009818  
 CCACGCGTCCGCACCCAGCTCTGGGACAGCAAGCTGAAAATGACTCCCTCCATCTCATGGGGTCTACTGC  
 TTCTGGCAGGCCGTGTGTTGCTTGGTCCCCAGCTTTCTGGCTGAGGATGTTTCAGGAGACAGACACCTCCCA  
 GAAGGATCAGTCCCCAGCCTCCCATGAGATCGCTACAAACCTGGGAGACTTTGCCATCAGCCTATACCGG  
 GAGCTGGTCCATCAGTCCAACACTTCCAACATCTTCTTCTCCCCAGTGAGCATTGCCACAGCCTTTGCTA  
 TGCTCTCCCTAGGGAGCAAGGGTGACACTCACACGCAGATCCTAGAGGGCCTGCAGTTCAACCTCACACA  
 AACATCGGAGGCTGACATCCACAAGTCCTTCCAACACCTCCTCCAAACCTCAACAGACCAGACAGTGAG  
 CTGCAGCTGAGCACAGGCAATGGCCTCTTGTCAACAATGACCTGAAGCTGGTGGAGAAGTTTCTGGGAA  
 AGGCCAAGAACCATTATCAGGCAGAAGTCTTCTGTCAACTTTGCAGAGTCAGAGGAGGCCAAGAAAGT  
 GATTAATGATTTTGTGGAGAAGGGAACCCAAGGAAAGATAGTTGAGGCGGTGAAAAAAGTGGACCAAGC  
 ACAGTTTTCGCCCTGGCAAATTACATTCTTTAAAGGCAAATGGAAGAAGCCATTTCGATCCTGAGAACA  
 CTGAGGAAGCTGAGTTCCACGTGGACGAGTCCACCACGGTGAAGGTGCCATGATGACCCTCTCGGGCAT  
 GCTTGATGTGCACCATTGCAGCACGCTGTCCAGCTGGGTGCTGCTGATGGATTATGCAGGCAATGCCACT  
 GCTGTCTTCTTCTGCCCGATGATGGGAAGATGCAGCATCTGGAGCAAATCTCAGCAAGGAGCTCATCT  
 CTAAGTTCCTGTAAACAGGCGCAGAAGGTTAGCCAGATCCACTTCCCCAGACTGTCCATCTCTGGAGA  
 ATATAACTTGAAGACTCATGAGTCCACTGGGCATCACCCGAATCTTCAACAATGGGGTGCACCTCTCC  
 GGAATCACAGAGGAGAATGCTCCCCTGAAGCTCAGCCAGGCTGTGCATAAGGCTGTGCTGACCATCGATG  
 AGACAGGAACAGAAGCTGCAGCAGTCACAGTCTTACTAGCCGTTCTTATTCTATGCCCCCTATCCTGCG  
 CTTGACCAACCTTTCTTTTTCATAATATTTGAAGAACAACACTCAGAGCCCCCTTTTGTGGGAAAAGTG  
 GTAGATCCACACATAAATGACCACCTAAGATGTCATCCTTCTGTAATTGGGTTCCATTAATAA  
 CACAGGCTGGCCTGGCTCGTGCCTGATGCTACAGCAAAAAAAAAAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	BC009818
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>	<a href="#">BC009818</a> , <a href="#">AAH09818</a>
<b>RefSeq Size:</b>	1380 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]