

## Product datasheet for **MC202384**

### Serpina1a (NM\_009243) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Serpina1a (NM\_009243) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Serpina1a  
**Synonyms:** Aat-2; Aat2; Dom1; PI1; Spi1-1; Spi1-3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC057984 sequence for NM\_009243  
 CTGTCTCCTCAGCCTCGGTCACCAACCCAGCTCTGGGACAGCAAGCTGAAAATGACTCCCTCCATCTCATG  
 GGGTCTACTGCTTCTGGCAGGCTGTGTTGCCTGGTCCCAGCTTCTGGCTGAGGATGTTGAGGAGACA  
 GACACCTCCAGAAAGGATCAGTCCCAGCCTCCCATGAGATCGCTACAAAACCTGGGAGACTTTGCAATCA  
 GCCTATACCGGGAGCTGGTCCATCAGTCCAACACTTCCAACATCTTCTTCTCCCCAGTGAGCATTGCCAC  
 AGCCTTTGCTATGCTCTCCCTAGGGAGCAAGGGTGACACTCACACGCAGATCCTAGAGGGCTGCAGTTC  
 AACCTCACACAAACATCGGAGGCTGACATCCACAAGTCTTCCAACACCTCCTCCAAACCTCAACAGAC  
 CAGACAGTGAGCTGCAGCTGAGCACAGGCAATGGCCTCTTTGTCAACAATGACCTGAAGCTGGTGGAGAA  
 GTTTCTGGAAGAGGCCAAGAACCATTATCAGGCAGAAGTCTTCTGTCAACTTTGCAGAGTCAGAGGAG  
 GCCAAGAAAGTGATTAATGATTTTGTGGAGAAGGGAACCAAGGAAAGATAGCTGAGGCGGTGAAAAAAC  
 TGGACCAAGACACAGTTTTCGCCCTGGCAAATTACATTCTTTAAAGGCAAATGGAAGAAGCCATTGCA  
 TCCTGAGAACACTGAGGAAGCTGAGTTCACAGTGGACGAGTCCACCACGGTGAAGGTGCCATGATGACC  
 CTCTCGGGCATGCTTGATGTGCACCATTCAGCAGCGCTGTCCAGCTGGGTGCTGCTGATGGATTATGCAG  
 GCAATGCCACTGTGTCTTCTTCTGCCGATGATGGGAAGATGCAGCATCTGGAGCAAACCTCTCAGCAA  
 GGAGCTCATCTAAGTTCCTGTAAACAGGCGCAGAAGGTTAGCCCAGATCCACTTCCCAGACTGTCC  
 ATCTCTGGAGAATATAACTTGAAGACACTCATGAGTCCACTGGGCATCACCCGGATCTTCAACAATGGGG  
 CTGACCTCTCCGAATCACAGAGGAGAATGCTCCCCTGAAGCTCAGCCAGGCTGTGCATAAGGCTGTGCT  
 GACCATCGATGAGACAGGAACAGAAGCTGCAGCAGTTACAGTCTTACAAATGGTTCTATGTCTATGCCC  
 CCTATCCTGCGCTTCGACCACCTTTCTTTTTCATAATATTTGAAGAACACACTCAGAGCCCCATCTTTG  
 TGGGAAAAGTGGTAGATCCCACACATAAATGACCACCCTAAAATGTCATCCTTCTGTAATTGGGTTC  
 CTTCATTAAACACAGGCTGGCCTGGCTCGTGCCTGATGCTACAGCAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_009243  
**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="#">BC057984</a> , <a href="#">AAH57984</a>
<b>RefSeq Size:</b>	1393 bp
<b>RefSeq ORF:</b>	1242 bp
<b>Locus ID:</b>	20700
<b>UniProt ID:</b>	<a href="#">P07758</a>
<b>Cytogenetics:</b>	12 52.98 cM