

Product datasheet for **MC200673**

Serpine2 (NM_009255) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Serpine2 (NM_009255) Mouse Untagged Clone
Tag: Tag Free
Symbol: Serpine2
Synonyms: B230326M24Rik; PAI-1; PI-7; PI7; PN-1; Spi4
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC010675 sequence for NM_009255
 CGGGAGTGC GGCTGCACGCGTCACCGCGCCTGTCCCCACCGCCGCGCAGCGCCGATCTCCCTCCCGG
 TTCCGGCCGCCACCTGGGGATCCAAGCGAGGACGGGCTGCCTTGTGGAAAGGAACCATGAATTGGCATT
 TTCCTTTCTTCATCTTGACCACAGTGACTTTATACTCTGTGCACTCCCAGTTCAACTCTCTGCACTGGA
 GGAAGTAGGCTCCAACACAGGGATCCAGGTCTTCAATCAGATCATCAAGTCACGGCCTCATGAGAACGTT
 GTTGTCTCCACATGGGATCGCGTCCATCTTGGGCATGCTGCAGCTCGGGGCTGACGGCAAGACAAAGA
 AGCAGCTCTCCACGGTATGCGATATAATGTAACGGAGTTGGTAAAGTCTGAAGAAGTCAACAAGGC
 TATTGTCTCCAAGAAAAATAAGACATTGTGACCGTGGCCATGCTGTATTTCTCAGGAATGGCTTTAAA
 ATGGAAGTGCCTTTTGCAGTAAGGAACAAAGATGTGTTTCAGTGTGAAGTGCAGAATGTGAACCTCCAGG
 ACCCAGCCTCTGCCTCTGAGTCCATCAATTTTTGGGTCAAAAATGAGACCAGGGGATGATTGATAACCT
 GCTTTCCCAAACTGATCGATGGTGCCCTTACCAGGCTGGTCCCTCGTTAATGCAGTGTATTTCAAGGGT
 TTGTGGAAGTCTCGGTTTCAACCAGAGAGCACAAAGAAACGGACATTCGTGGCAGGTGATGGGAAATCCT
 ACCAAGTACCCATGTTGGCTCAGCTCTCTGTGTTCCGCTCAGGGTCTACCAGGACCCGAATGGCTTATG
 GTACAACCTTCAATTGAGCTGCCCTACCATGGTGAGAGCATCAGCATGCTGATCGCCCTGCCAACAGAGAGC
 TCCACCCCACTGTCTGCCATCATCCCTCACATCACTACCAAGACCATTGATAGCTGGATGAACACCATGG
 TACCCAAGAGGATGCAGCTGGTCCATCCCAAGTTCACAGCTGTGGCACAACAGATCTGAAGGAGCCACT
 GAAAGCCCTTGGCGTTACTGAGATGTTTGAGCCATCAAAGGCAAAATTTACAAAAATAACAAGGTCAAG
 AGCCTTCATGTCTCTCACATCTTGCAAAAAGCAAAAATGAAGTCAGTGAAGATGGAACCAAGCTTCGG
 CAGCAACAACCTGCAATCCTAATTGCAAGTTCATCACCTCCCTGGTTTATAGTAGACAGGCCCTTCCCTGTT
 TTCCATCCGACACAATCCACAGGTGCCATCTTGTTCCTGGGCCAGGTGAACAAGCCCTGAAGGACAGAC
 AAAGGAAAGCCACGCAAAAGCCAAGACGACTTGGCTCTGAAGAGAGACTCCCTCCCAACATCTTTCATAGT
 TCTGTTAAATATTTTTATATACTGCTTTCTTTTTGAAACTGGTTCATAGCAGCAGTTAAGTGACGCAAG
 TGTTTTCTGGTCGGGGCTGTGTCAGAAGAAAGGGCTGGATGCCTGGGATGCTGGATGCCTGGGATATTGGA
 TGCCTGGGATGCTGGATGCCTGGGATGCTGGATGCCTGGGATGCTGGATGCCTGGGATGCTGTAGTGAAG
 GATGAGCAGGCCGGTTTACGATGTCTAGAAGATTTCTTTAACTACTGATCAGTTATCTAGGTTAACAA
 CCCTCTCGAGATTTGCTGTCTGTCAAGTTCAGCATCTTGTTCATTCTGTTGATATGTGTGACTTTC
 CAGGAGAGGATTAATCAGTGTGCAGGAGAGGTTAAAAAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_009255
Insert Size:	1194 bp
OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>BC010675</u> , <u>AAH10675</u>
RefSeq Size:	1800 bp
RefSeq ORF:	1194 bp
Locus ID:	20720
UniProt ID:	<u>Q07235</u>
Cytogenetics:	1 40.97 cM
Gene Summary:	Serine protease inhibitor with activity toward thrombin, trypsin, and urokinase. Promotes neurite extension by inhibiting thrombin. Binds heparin.[UniProtKB/Swiss-Prot Function]