

Product datasheet for **MC200499**

Serpini1 (NM_009250) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Serpini1 (NM_009250) Mouse Untagged Clone
Tag: Tag Free
Symbol: Serpini1
Synonyms: AI837402; Ns; PI-12; PI12; Spi17
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC006776 sequence for NM_009250
GCAGCATCCGGAGCAGTCTCAGCCTGCCAGCATCCTCTCCAGCATCCCGAGCGGGGATTGCAGGTGTGA
AGGAGACTTGAAACCATCCCATCATGACTTACCTTGGACTGCTTGTCTTGGCTGGCCTTGCAAAGTGTGGT
GACAGGGGCAACGTTCCAGATGAAACCATAACTGAGTGGTCAGTGAACATGTATAACCACCTTCGAGGC
ACCGGGGAAGATGAAAACATTCTTCTCTCCACTAAGCATTGCCCTTGCATGGAATGATGGAGCTTG
GGGCTCAAGGATCTACTAGGAAAGAAATCCGCCATTCAATGGGATATGAGGGTCTGAAAGGTGGTGAAGA
ATTTTCTTCTGAGGGATTTTCTAATATGGCCTCTGCCGAAGAAAACCAATATGTGATGAAACTTGCC
AATTCGCTCTTTGTACAAAATGGATTTTCATGTCAATGAGGAATTCTTGCAAATGTTGAAATGTACTTTA
ATGCAGAAGTCAATCATGTGGACTTCAGTCAAAATGTGGCTGTGGCTAACTCCATCAATAAATGGGTGGA
GAATTATACAAACAGTCTGTTGAAAGATCTGGTGTCTCCGGAGGACTTTGATGGTGTCACTAATTTGGCC
CTCATCAATGCTGTATATTTCAAAGGAACTGGAAGTCTCAGTTTAGACCTGAAAATACCAGAATTTCT
CCTTCACGAAAGATGATGAAAGTGAAGTGCAGATTCCAATGATGTATCAACAAGGAGAATTTTATTATGG
TGAATTTAGTGATGGATCCAATGAGGCTGGCGGTATCTACCAAGTCCCTGAGATACCCATGAGGGAGAT
GAGATCAGCATGATGCTGGCACTGTCCAGACAGGAAGTCCCACTGGCCACACTGGAGCCTCTGCTCAAAG
CACAGCTGATCGAAGAATGGGCAAACCTGTGGAAGAAACAAAAGGTGGAAGTGTACTTGGCCAGGTTTAC
TGTGGAACAGGAAATGATTTAAAGACATCTTGAAAGCCCTTGGGGTCACTGAAATTTTCATCAAAGAT
GCAAATTTGACTGCCATGTCAGATAAGAAAGAGCTGTTCTCTCAAAGCTGTTCAAGTCTGCATTG
AGGTTAATGAAGAAGGGTCAGAAGCCGCTGCAGCCTCCGGAATGATTGCGATTAGTAGGATGGCTGTGCT
GTACCCTCAGGTTATTGTCGACCATCCATTTCTATCTTATCAGGAACAGGAAATCTGGCATAATCTTA
TTCATGGGACGAGTCATGAACCCTGAAACAATGAATACAAGTGGCCATGACTTTGAGGAACTTTAAATGA
CGACGTTTGTAGTACAAAGAAAGCAGGAACAAAGCACATTATGTTTGAAGTGGTATATATTTAGGATTTT
TGTTTTATAGTGTATTTAGGAAATATTTAAATAGTTCTAGATAGTAGTAATCCATGTGACCTATAAGT
TAGCCTGTCAAAGCTGTTATCAGTATAAAGAGTATGGTCCCATTGTGTCATTGTGTCTGGTGTGCTGCT
GTTTAAATAAAAAGTACATATTGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



[View online »](#)

ACCN:	NM_009250
Insert Size:	1233 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:	BC006776 , AAH06776
RefSeq Size:	1582 bp
RefSeq ORF:	1233 bp
Locus ID:	20713
UniProt ID:	O35684
Cytogenetics:	3 E3
Gene Summary:	Serine protease inhibitor that inhibits plasminogen activators and plasmin but not thrombin (PubMed:9364046, PubMed:11557034). May be involved in the formation or reorganization of synaptic connections as well as for synaptic plasticity in the adult nervous system. May protect neurons from cell damage by tissue-type plasminogen activator (Probable). [UniProtKB/Swiss-Prot Function]