

Product datasheet for **MC202984**

Serpina1c (NM_009245) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Serpina1c (NM_009245) Mouse Untagged Clone
Tag: Tag Free
Symbol: Serpina1c
Synonyms: Pi3; Pi6; Skalp; Spi1-3; Spi1-6; Wap3
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC021325
 CCACGCGTCCGCCACGCGTCCGCAGGGCTCTGTCTCCTCAGCCTCGGTACCACCCAGCTCTGGGACAG
 CAAGCTGAAAATGACTCCCTCCATCTCATGGGGTCTACTGCTTCTGGCAGGCCTGTGTTGCTTGGTCCCC
 AGCTTTCTGGCTGAGGATGTTTCAGGAGACAGACACTCCCAGAAGGATCAGTCCCAGCCTCCCATTGAGA
 TCGCTACAAACCTGGGAGACTTTGCCATCAGCCTATACCGGGAGCTGGTCCATCAGTCCAACACTTCCAA
 CATCTTCTTCTCCCCAGTGAGCATTGCCACAGCCTTTGCTATGCTCTCCCTAGGGAGCAAGGGTGACACT
 CACACGCAGATCCTAGAGGGCCTGCAGTTCAACCTCACACAAACATCGGAGGCTGACATCCACAAGTCTCT
 TCCAACACCTCTCCAAACCTCAACAGACCAGACAGTGAGCTGCAGCTGAGCACAGGCAATGGCCTCTT
 TGTCAACAATGACCTGAAGCTGGTGGAGAAGTTTCTGGAAGAGGCCAAGAACCATTATCAGGCAGAAGTC
 TTCTCTGTCAACTTTCAGAGTCAGAGGAGGCCAAGAAAGTGATTAATGATTTTGTGAGAAGGGAACCC
 AAGGAAAGATAGTTGAGGCGGTGAAAAACTGGACCAAGACACAGTTTTTCGCCCTGGCAAATTACATTCT
 CTTTAAAGGCAAATGGAAGAAGCCATTCGATCCTGAGAACACTGAGGAAGCTGAGTTCACGTGGACGAG
 TCCACCACGGTGAAGGTGCCCATGATGACCCTCTCGGGCATGCTTGATGTGCACCATTGCAGCACGCTGT
 CCAGCTGGGTGCTGCTGATGGATTATGCAGGCAATGCCACTGCTGTCTTCTTCTGCCCGATGATGGGAA
 GATGCAGCATCTGGAGCAAACCTCTCAGCAAGGAGCTCATCTCTAAGTTCTCTGCTAAACAGGCGCAGAAGG
 TTAGCCCAGATCCACTTCCCCAGACTGTCCATCTCTGGAGAATATAACTGAAGACACTCATGAGTCCAC
 TGGGCATCACCGAATCTTCAACAATGGGGCTGACCTCTCGGAATCACAGAGGAGAATGCTCCCCTGAA
 GCTCAGCCAGGCTGTGCATAAGGCTGTGCTGACCATCGATGAGACAGGAACAGAAGCTGCAGCAGTCACA
 GTCTTACTAGCCGTTCTTATTCTATGCCCCCTATCCTGCGCTTCGACCACCTTTCTTTTCATAAATAT
 TTGAAGAACACACTCAGAGCCCCCTCTTTGTGGGAAAAGTGGTAGATCCCACACATAAATGACCACCTTA
 AGATGTATCCTTCTTGAATTGGGTTCTTCCATTAACACAGGCTGGCCTGGCTCGTGCCTGATGC
 TACAGCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_009245
Insert Size: 1242 bp



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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:	BC021325 , AAH21325
RefSeq Size:	1421 bp
RefSeq ORF:	1242 bp
Locus ID:	20702
UniProt ID:	Q00896
Cytogenetics:	12 52.98 cM
Gene Summary:	Inhibitor of serine proteases. Can inhibit trypsin and chymotrypsin; relatively ineffective against elastase.[UniProtKB/Swiss-Prot Function]