

Product datasheet for **MC206440**

Serpind1 (BC034543) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Serpind1 (BC034543) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Serpind1 |
| Synonyms: | AA985900; AI303446; Hcf2; HCII |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >BC034543
 GAGGTACAGAGCAGCTTTAGCTCTGCAGAAATGAAACATCCACTCTGCACTCTTCTTTCTCATCACAT
 TTATGTGTATTGGGAGCAAAGGCCTTGCTGAGCAGCTAACTAATGAAAACCTGACCACGTCTTCTGCC
 TGCTAACTTCCACAAAGAAAACACAGTCACCAATGACTGGATCCCAGAGGGGGAAGAGGATGAGGACTAC
 CTGGACCTGGAGAAGCTGCTTGGTGAAGATGACGACTACATTTATATCATCGATGCCGTTTCCCCGACAG
 ACTCAGAATCAAGTGTGGCAACATCCTGCAGCTTTTCCAAGGCAAGAGCCGGATCCAGCGTCTTAATAT
 CCTCAATGCAAAGTTTGCCTTCAACCTTTACCGAGTCTGAAGGACCAGGCTACCACATCTGATAACCTC
 TTCATAGCACCTGTTGGCATTCTACTGCCATGGGGATGATCTCCTTAGGTCTGAGGGGAGAGACCCATG
 AAGAAGTACACTCAGTTCTACACTTCAGAGACTTTGTCAATGCTAGCAGCAAGTACGAGGTTACCACCAT
 TCACAATCTTTTCGAAAGCTGACCCATCGTCTATTTCAGGAGGAATTTGGGTACACACTTCGGTCAAGT
 AATGGCCTTTATATTCAGAAGCAGTTTCCCATACGGGAGGACTTCAAAGCTGCTATGAGAGAGTTTTACT
 TTGCTGAGGCCAGGAGGCTAACTTCCAGATCCTGCCTTCATATCAAAGGCAAACAACCACATTCTGAA
 ACTCACAAGGGCCTTATAAAGAAGCTCTGGAGAATATAGATCCTGCTACTCAGATGCTGATTCTGAAC
 TGCATCTACTTCAAAGGAACTTGGGTGAATAAATTCAGTAGAAATGACGCACAACCACAACCTCCGGC
 TGATGAGAGAGAAGTAGTCAAAGTCTCCATGATGCAAACCTAAAGGGAATTTCTTGCGGCAAATGACCA
 GGAGCTAGACTGTGACATTCTCCAGCTGGAGTACGTAGGGGGCATCAGCATGCTTATTGTAGTTCACGG
 AAGCTATCGGGAATGAAGACTCTTGAAGCACAGCTTACACCCCAGGTGGTGGAGAGATGGCAAAAAAGCA
 TGACAAACAGAACTCGAGAGGTAATCTGCCAAAGTTAAGCTTGAGAAGAATTACAACCTGGTGGAGGT
 CCTAAGTCCATGGGAATCACAAGCTCTTCAACAAGAATGGCAATATGTCAGGCATCTCAGACCAGAGG
 ATCGCCATTGACCTGTTCAAGCACCAAAGTACCATCACAGTGAATGAAGAGGGTACCCAAGCTGCAGCTG
 TAACTACAGTGGGGTTATGCCGCTGTCTACCCAAGTCCGATTCACTGTGACCGTCCCTTCTGTTCTCT
 AGTGTATGAGCACCGAACAGCTGTCTGCTCTTATGATAAATCTGAACAGCAAACAGTCCATTAAAGTG
 GAGCTATTTTGTATGATAAATCTGTGGTTTATGATAAATCTGAACAGCAAACAGTCCATTAAAGTG
 CACAGATGTTAATGCAACTAATGGTTGTGCCAGCTATTCCCTAGAGGTCCTAGACACACAGACTGCCTTA
 GCCCCACACCTGTGCCCTAGGAGAATGAATGGGCAGAGTGGAGCTGACACTCTCTCCTCAGGCAGCCT
 CCTCAGCCTTTATTCGTCAACGGCCTCTGCTCAGCCAGGCCCTTCCAGACAAAAGGCACTGAGGAACTTG
 CACCCCTTCCAGGGAGGGTGTCCAAGTAGCACCGTTTCTGCCAGTGGGAAAGCAATCCCAACATGTCTG
 AGATGTTCCGACTTTTAAATTCATGTAATATCTCCTCTCTGCTGTGTACATAGGACTACATAGTCT
 ATCCTAGAGATAAATAACAACCATATTTACCATGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC034543

Insert Size: 1437 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:**
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.

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| RefSeq: | <u>BC034543</u> , <u>AAH34543</u> |
| RefSeq Size: | 2025 bp |
| RefSeq ORF: | 1437 bp |
| Locus ID: | 15160 |
| Cytogenetics: | 16 10.74 cM |
| Gene Summary: | Thrombin inhibitor activated by the glycosaminoglycans, heparin or dermatan sulfate. In the presence of the latter, HC-II becomes the predominant thrombin inhibitor in place of antithrombin III (AT). Also inhibits chymotrypsin, but in a glycosaminoglycan-independent manner.[UniProtKB/Swiss-Prot Function] |