

Product datasheet for **RN201996**

Serping1 (NM_199093) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serping1 (NM_199093) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Serping1
Synonyms:	MGC72585
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201996 representing NM_199093
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTCCAAGCTGACCCCACTGACCCTCCTCCTGCTGCTAGCTGGGGATAGAGCCTTCTCAGATT
 CTGAAGTGACCAGCCACAGCTCCCAGGATCCACTAGTAGTTCAAGAGGGAAGCAGGGACAGCGTTCTCGA
 AAGAGATGGCTCCCGGAGTCCCATTGAGCACACAGGACAGTCTTCTACCTGGCCAACAACCAAGTGGATCC
 ACCAAAATATCAAATGACACCATGGATCAAGTAGCCAACGAGTCTTCCAGCATGTCCAACCAGCTG
 CTCAGCTACCTGAGGATTCTCCCAGCCAGTCTCCCGTGAATTCTTCCAGCCCGCCCTCCACAGCCTCAGC
 CCCTCCCACCCAGGCTCCGACTGAGCCCCTCTGCCAGAGCCACTTGCTTGGTGTCTGATTGAGACAGA
 GACTCCTCAGAGGCTACGTTGTCGGAGGCTTTGACAGATTTCTCTGTGAAACTCTACCACGCCTTCTCGG
 CTACGAAGAAGGCTGAGACCAACATGGCCTTTTCCCATTTCAGCATTGCTAGCCTCCTCAGCAGGTCTCT
 TCTTGGGGCTGGAGACAGCACCAAGAGCAACTGGAGGACATCCTTCCCTACCCCAAGGATTTTGCCTGT
 GTCCACCAGACACTAAAGGCTTTTTATCCAAAGGTGTCACTTCTGTGTCTCAGATTTTCCACAGCCCAG
 ATCTAGCCATACGGGACACCTATGTGAACGCCTCTCTGAGCCTGTATGGAAGCAGCCCCAGAGTCTGGG
 TCCAGACGGTGATGCTAACTTAAAACCTCAACACCTGGGTGGCGGAGAACACCAACCACAAGATCAAT
 GAGCTGTGGACAGCCTGCCCTCTGACACCCGCCTCGTCTTCTCAATGCCGTCTACTTGAGTGCCAAGT
 GGAAGAAAACCTTTGAGCAAAAGAAGATGATGGCATCTTCTCTACAAAACTCTATGATTAAGTGCC
 CATGTTGAGTAGCAAAAAGTACCCTCTGGCCCTTTTCAATGACCAGACTTTGAAGCCAAGGTGGGACAG
 TGCAGCTCTCTACAACCTGAGCTTTGTGATCATGGTACCCAGAGCCCGACACACCAACTTGAAGACA
 TGGAAAAGGCACCTCAACCCCACTGTCTTTAAGGCCATCCTGAAGAAGCTAGAGCTGTCCAAGTTTCAGCC
 CACTTACGTGATGATGCCTCGCATTAAAGTAAAGAGCAGCCAAGACATGCTGTCAATCATGGAGAACTG
 GAATTCCTTGGACTTCACTTACGATCTCAACCTGTGTGGGCTGACTGAGGACCCAGATCTTCAAGTGTCTT
 CCATGAAACACGAGACGGTGTGGAACTGACAGAGACAGGTGTGGAAGCAGCCGACGCTCCACCATCTC
 CGTGGCCCCGAACTTACTCATCTTTGAGGTGCAGCAGCCTTCTCTTCTGCTCTGGGACCAGCGACAC
 AAGTCCAGTCTTATGGGCCGTATATGACCCAGGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_199093

Insert Size: 1515 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.

RefSeq: [NM_199093.1](#), [NP_954524.1](#)

RefSeq Size: 1850 bp

RefSeq ORF: 1515 bp

Locus ID: 295703

UniProt ID: [Q6P734](#)

Cytogenetics: 3q24

Gene Summary: human homolog acts as a serine protease inhibitor; involved in regulation of the classical complement pathway [RGD, Feb 2006]