

Product datasheet for **RN215284**

Serpina4 (NM_145097) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serpina4 (NM_145097) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Serpina4
Synonyms:	MGC108582
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215284 representing NM_145097
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCATTATACTCGTGTCTGCTGCTTCTCCTGGCTGGACTCTTGGAACTCTCTCACAGTCAGCCAGACC
 AAGAAGAGCCTGACAATACAACCAACCAACCTACAGACAGTTCTCACAGCAGAACATCTCCAGCTACCA
 GATTGCCTCTGGCAATGCCAACTTTGCCTTCCGCCTCTACCACCTGATAGCGTCCCAAACTCTGAGAAG
 AACATTTTCTTCTCCCACTCAGCATCTGTCTCTTTGGCCATACTGTCCACAGGGGCTGGTGGGGACA
 CCCAGGCTCAGATCCTTGAAGTCTGGGCTTCAACCTCACAAGCTGTCCTGCTGAAATTCATGAGGG
 CTTCAGGTCTTGCAGCACACAATAGCTCGCCGTTCACTGAGCCACAGATCTCTGTAGGCAGTGCCTG
 ATCCTGAGCCAGAACCTGCAGATCCTCTGTAGTTTGTGAGTCCATCGAAACCTCTATAACAGCAAAG
 TCTTACATGCTAACTTCAAGATAAAGGAGGCTGCGGTCCAGCTCATCAACAATATGTCAAGCAGAATAC
 TCAGGGGAAGATCAAAAATTTGGTCAGTGACCTGAGCCAGATGTAAGATGGTGTGGTGAATTACATC
 TTCTTCAAGGTCTTTGGAAGAAACCTTTCTTCTTCCAGAGTCTTACCAGTACTTCTATGTAGATG
 AGAACACGGTTGTGAAGATACCCATGATGCTGCAAGATAAGGAGGATCACTGGTATCTTGAGGACAGACG
 TGTACCCTGCACAGTACTGCGGATGGACTACAGGGGTGATGCAAGTGGCGTTCTTCATCCTTCTGACCAG
 GGCAAGATGAATGAGGTGGAGCAGGTGCTGTCCCAGGCATGCTACTAAGGTGGAACGCTTGTGTCAGA
 ATAGGTTCTTTTACAGAAAGCTCATATTGCAGCTCCCAAAATCTCCATTTCAAATTCCTATGAATTGGA
 TGAGATTTTGCCTGACTTGGGCTTCCAGGATCTGTTACCCCAATGCCAACTTCTCAAATATCAGCAA
 AAGGAGAAATGTACTTATCCAAAGTTTCCATAAGACCGTCTGGATGTGAATGAAGTTGGCACAAGG
 CAGCAGCAGCCACCGGCTCCTTTGCCACCTTTTCTCTGCCAGCCCAAGAAACGTTACCTTATATTTCAA
 CCGGCCCTTCTTGGTATATTGTATTCCACCAGCTCCAGGATATCCTCTTCATGGGAAGGTGGTCAAC
 CCCACAGCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_145097

Insert Size: 1272 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_145097.2, NP_659565.2

RefSeq Size: 1554 bp
RefSeq ORF: 1272 bp
Locus ID: 246328
Cytogenetics: 6q32
Gene Summary: human homolog inhibits tissue kallikrein kininogenase and amidolytic activities [RGD, Feb 2006]