

Product datasheet for RN211077

Serpina5 (NM_022957) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serpina5 (NM_022957) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Serpina5
Synonyms:	Pci
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211077 representing NM_022957 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCAGCCACAATGAGGTTCTTCCCCATTCTGTGCCTGGTGTCTTTCAGTCACGGGGTGGCTTCCC
GCCAACGCTCCCATTCTAAGGAGAAGAAGAAGTCTAAAGAGTCCCTGTGGGTGTGTGGGACTTCCC
AAGCAGAGACTTTGCCTCAGGCTCTACAGGGCCTTGGCTTCTGAAGCCCCTGGTCAGAATGTTTTCTT
TCCCCATGAGCGTGTCTATGAGCTTGGGTATGCTCTCCCTGGGTCAGGCTTGAAGACTAAGGCACAGA
TCTGGAGGGCCTGGGCCTCAGCCTCCAGCAAGGCCAAGAGGATATGCTCCACAAGGGCTTCCAACAGCT
GCTGCAGCAGTTCAGCCAGCCTAGTGTAGGCTCCAGCTGAGCCTAGGCAGTGCCCTTTTTACAGACCCA
GCAGTACATATCCGGGACCCTTCTGAGTGCCATGAAGACATTGTACATGTCAGACATGTTCTCTACCA
ACTTTGGGAACCTGAAAGTGCTAAGAAGCAGATCAATGACTATGTAGCCAAGAAGACCAACGGCAAGAT
TGTAGACTTGATCAAGGATCTTGACAGCACCCACGTCATGGTGGTGGTAAATTATCTTCTTCAAAGCC
AAGTGGCAGACGGCCTTCAGTAGCACCAACACCCACAAGATGGATTACCATGTGACTCCCAAGAAGACCA
TTCAGGTGCCAATGATGAACCGGAAGATATATTTCTACATCCTCGACCAAAACATTTCTGACGGT
GGTGGGGATCCCTTACCAAGGCAATACATTTGCTCTGTTTATTCTTCCCAGCGAGGGCAAGATGAAGCGG
GTAGAGGATGGCCTGGATGAGAGAACGTTGAGGAAGTGGCTTAAGATGTTCAAAAAGAGACAGTTAGATC
TTTACCTCCCAAGTTCTCCATTGAGGGTACCTATAAACTGGAAAAAATCCTCCCAAGCTGGGCATCCA
GGACATCTTACCACCCATGCTGACTTGTCTGGCCTTACTGACCACCAATATTAAGTTGTCTGAGATG
GTACACAAATCCATGGTGGAGGTAGACGAGTCAGGAACAACAGCAGCTGCCTCCACAGGAATTCTTTCA
CACTCAGATCTGCTCGACCGAGCTCTGAAGGTAGAATTCACCAGACCCCTTCTGGTGGTCATTATGGA
TGGTACAAACCTCTATTTCAATTGGCAAAGTGATTCAGCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_022957
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:	NM_022957.3 , NP_075246.3
RefSeq Size:	2187 bp
RefSeq ORF:	1233 bp
Locus ID:	65051
Cytogenetics:	6q32
Gene Summary:	<p>inhibits activated serine protease protein C in the anticoagulant protein C pathway; may play a role in reproduction [RGD, Feb 2006]</p> <p>Transcript Variant: This variant (2) has an alternate splice junction in the 5' region, which results in a downstream AUG start codon, compared to variant 1. The resulting isoform (2) is shorter at the N-terminus, compared to isoform 1.</p>