

Product datasheet for RN216686

Serpina5 (NM_001244739) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serpina5 (NM_001244739) 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:	>RN216686 representing NM_001244739 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACATTTGCCAGCTATAATTCCTCTGTCTCTCTCTCTCATAAGCCAGGTGGATTGCTACCCATCA
AGACACTCAGCCACCACAATACAGAAATGGCAGCCACAATGAGGTTCTTCCCATCTGTGCTGGTGT
GTTCTTCAGTCACGGGGTGGCTTCCCGCAACGCTCCCATCTAAGGAGAAGAAGAAGTCTAAAGAGTCC
TCTGTGGGTGCTGTGGGACTTCCCGAAGCAGAGACTTTGCCTTACGGCTCTACAGGGCCTTGGCTCTG
AAGCCCTGGTCAGAATGTTTTCTTCTCCCCATGAGCGTGTCTATGAGCTTGGGTATGCTCCTCCCTGGG
GTCAGGCTTGAAGACTAAGGCACAGATCCTGGAGGGCCTGGGCCTCAGCCTCCAGCAAGGCCAAGAGGAT
ATGCTCCACAAGGGCTTCCAACAGCTGTGTCAGCAGTTCAGCCAGCCTAGTGATGGCCTCCAGCTGAGCC
TAGGCAGTGCCCTTTTTACAGACCCAGCAGTACATATCCGGGACCACTTTCTGAGTGCCATGAAGACATT
GTACATGTCAGACATGTTCTCTACCAACTTTGGGAACCTGAAAGTGCTAAGAAGCAGATCAATGACTAT
GTAGCCAAGAAGACCAACGGCAAGATTGTAGACTTGATCAAGGATCTTGACAGCACCCACGTCATGGTGG
TGTTAAATTATCTTCTTCAAAGCCAAGTGGCAGACGGCCTTCAAGTGCACCAACACCCACAAGTGA
TTACCATGTGACTCCCAAGAAGACCATTCAGGTGCAATGATGAACCGCAAGATATATATTCCTACATC
CTCGACCAAAAACATTTCTGCACGGTGGTGGGATCCCTTACCAAGGCAATACATTTGCTCTGTTTATTC
TTCCAGCGAGGGCAAGATGAAGCGGGTAGAGGATGGCCTGGATGAGAGAACGTTGAGGAACTGGCTTAA
GATGTTACAAAGAGACAGTTAGATCTTTACCTCCCAAGTTCTCCATTGAGGGTACCTATAAACTGGAA
AAAATCTCCCAAGCTGGGCATCCAGGACATCTTACCACCCATGCTGACTTGTCTGGCCTTACTGACC
ACACCAATATTAAGTTGTCTGAGATGGTACACAAATCCATGGTGGAGGTAGACGAGTCAGGAACAACAGC
AGCTGCCTCCACAGGAATTCTTTCACACTCAGATCTGCTCGACCGAGCTCTCTGAAGGTAGAATTCACC
AGACCTTTCTGGTGGTCATTATGGATGGTACAAACCTCTATTTCAATGGCAAAGTGATTAGCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001244739
Insert Size:	1329 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001244739.1, NP_001231668.1</u>
RefSeq Size:	2130 bp
RefSeq ORF:	1329 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 (1) is the shorter transcript but encodes the longer isoform (1).</p>