

Product datasheet for **RN212680**

Serpina3n (NM_031531) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serpina3n (NM_031531) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Serpina3n
Synonyms:	CPi-26; Spi-2.2; SPI3; Spin2c; Spin3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN212680 representing NM_031531 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATGGGATCGGCTCTGCTCTCCTCTCCTTCCAGATTGCATACTGGGAGAGGACACTCTATTCCATG
AAGACCAAGACAAGGGGACACAACCTGGACAGTCTCACATTGGCCCTCCATCAATACTGACTTTGCCTTCAG
CCTCTACAAGAAGCTGGCTTTGAGGAATCCACATAAAAAATGTTGTCTTCTCCCACTTAGCATCTCAGCC
GCCTTGGCCGTCGTGTCCTGGGAGCAAAGGGCAGCAGCATGGAAGAGATTCTAGAAGGTCTCAAGTTCA
ATCTCACAGAGACCCCTGAGACAGAAATCCACCGGGCTTTGGACACCTCCTCCAGAGGCTCAGCCAGCC
AAGGGACGAGATACAGATCAGTACAGGCAATGCCCTGTTTATTGAAAAACGCCTTCAGGTCTGGCAGAG
TTCCAGGAGAAGGCAAAGGCTCTGTACCAAGCTGAGGCCCTCACAGCTGATTTCCAGCAGTCTCGTGAGG
CCAAAAAGCTCATCAATGACTATGTGAGTAAACAGACCCAGGGGAAGATCCAGGGACTGATCACAAACCT
AGCTAAGAAGACATCCATGGTACTGGTGAATTACATCTACTTTAAAGGCAATGGAAGGTGCCTTTTGAC
CCTCGGGACACATTCCAGTCTGAGTCTACTCTGGCAAAGGAGGTCTGTGAAAGTGCCCATGATGAAGC
TTGAGGACCTGACCACCCCTACGTCGGGATGAGGAGCTGAACCTGCACCTGTTGTGGAGCTGAAGTACAC
AGGAAATGCCAGCCCTGTTTATCCTCCCTGACCAGGGCAAGATGCAGCAGGTGGAAGCCAGCTTGCAA
CCAGAGACCCCTGAGGAGATGGAAGGACTCTCTCAGGCCACAGCATGATAGATGAGCTCTACCTGCCCAAGT
TCTCCATCTCTGCTGACTACAACCTGGAGGACGTCCTTCCAGAGCTGGGCATCAAAGAAGCTTTCTCCAC
ACAGGCTGACCTGTCTGGGATCACAGGGGATAAGGACCTGATGGTCTTTCCAGGTGGTCCACAAGGCTGTT
CTGGATGTGGCTGAGACAGGCACAGAAGCAGCCGCTGCCACAGGGGTCAAATTTGTTCCAATGTCTGCAA
AACTGGACCTCTGATTATAGCTTTGACCGCCCTTTCTGATGATTATCTCTGACACAGAACTGCAAT
AGCTCCCTTTTGGCCAAGATATTTAACCCAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_031531
Insert Size:	1227 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_031531.1 , NP_113719.1
RefSeq Size:	2061 bp
RefSeq ORF:	1227 bp
Locus ID:	24795
UniProt ID:	P09006
Cytogenetics:	6q32
Gene Summary:	secreted acidic glycoprotein that may act as a serine protease inhibitor; expression is transiently induced during inflammation [RGD, Feb 2006]