

Product datasheet for **RN210463**

Serpinb5 (NM_057108) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Serpinb5 (NM_057108) Rat Untagged Clone
Tag: Tag Free
Symbol: Serpinb5
Synonyms: Maspin; PI-5; Pi5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210463 representing NM_057108
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGATGCCTTGAGACTGGCAAATTCAGCTTTTGCTGTTGAATTGTTCAAACAATATGTGAAAAGGAGC
CAGCAGGAAACATTCTCTCTCCGATATGCCTCTCCACTTCTCTGTCCCTTGCTCAAGTAGGCGCCAA
AGGTGACACGGCAAATGAAATTGGACAGGTCCTTCATTTTGAAGATGTTAAAGATGTACCCTTTGGTTTC
AAACCAATCACTTCTGATGTTAATAAGCTCAGTTCCTTTTATTCGCTGAAACTAATCAAGCGACTATACA
TTGACAAATCTCTGAACCTTTCTACAGAATTTATCAGTCTACAAAAAGACCATATGCCAACGAATTGGA
AACTGTTGACTTCAAAGATAAACTGGAAGAGACGAAAGGTCAAATTAACAGCTCCATTAAGGAACTCACA
GACGGCCACTTTGAAGATATTTTGCCAGAGAACAGTATAAGTGACCAGACCAAAATCCTTGTGGTTAATG
CTGCCTACTTTGTTGAAAGTGGATGAAGAAATTTCCAGAATCAGAAACAAAAGAATGTCCATTCAGAA
CAACAAGACAGACACCAACCAGTACAAATGATGAATCTTGAGGCTACCTTCTGCTTGGGTAACATTGAT
GACATCAACTGTAAGATCATAGAATTCCTTTCCAGAATAAGCATCTCAGTATGCTCATTGTGCTCCCTA
AGGACGTGGAAGATGAATCCACAGGCTGGAGAAGATTGAAAACAACTCAACCCAGAACTGTTACA
GTGGACCAACCCAGCACCATGGCCAATGCCAAAGTCAAGCTTTCCCTTCCAAAGTTAAAGGTAGAAAAG
ATGATTGACCCCAAGGCTAGTCTGGAAAGCCTAGGGCTGAAAAGTCTCTCAATGAAAGTACATCGGATT
TCTCTGGAATGTCAGAGACCAAGGGAGTGTCCGTATCAAATGTGATTACAGAGTATGCCTAGAAAATAAC
TGAAGATGGTGGTATTCCATCGAGGTGCCAGGGTCCCGGATCTTACAGCACAAGGATGAATTCAAAGCT
GACCATCCATTTCTTTTATCGTTCGACACAACAAAACCGAAACATCGTTTTCTTGGGCAAAATCTCTT
CTCCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_057108
Insert Size:	1128 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:	<u>NM_057108.2</u> , <u>NP_476449.1</u>
RefSeq Size:	2576 bp
RefSeq ORF:	1128 bp
Locus ID:	116589
UniProt ID:	<u>P70564</u>
Cytogenetics:	13p11
Gene Summary:	may act as a tumor suppressor [RGD, Feb 2006]