

Product datasheet for **RN207046**

Serpini1 (NM_053779) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Serpini1 (NM_053779) Rat Untagged Clone
Tag: Tag Free
Symbol: Serpini1
Synonyms: PI-12; raPIT5a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207046 representing NM_053779
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTTACCTTGGACTGCTCTCTTTAGTGGCCTTGCAAAGTTTGGTGACAGGGGCAGCTTTCCAGATG
AAACCATAGCCGAGTGGTCAGTGAATGTGTATAACCATCTTCGAGCCACTGGGGAAGATGAAAACATCCT
CTTCTCTCCACTAAGCATTGCCCTTGCTATGGGGTGATGGAGCTCGGGGCTCAAGGATCTACTCTGAAA
GAAATCCGCCATTCAATGGGATACGAGAGCCTGAAAAGTGGTGAAGAATTTCTTCTCCTGAGGGATTTTT
CTAGCATGGTCTCTGCTGAAGAAGGCCAATATGTGATGAAAATTGCCAATTCACTCTTTGTGCAAAACGG
ATTTTCATATCAATGAGGAATCTTGCAAAATGATGAAAATGTACTTTAATGCAGAAGTCAATCATGTGGAC
TTCAGTGAAAAATGTGGCGGTGGCCAACACATCAATAAGTGGGTGGAGAATTATACAAACAGTCTATTGA
AAGATCTGGTGTCCCGGGGATTTTGACGCTGTACCCATCTGGCCCTTATCAATGCTGTATATTTCAA
AGGGAAGTGAAGTCTCAGTTTAGACCTGAAAATACCAGAAGTTCTCCTTCACAAAAGATGATGAAAGT
GAAGTACAGATTCCAATGATGTATCAACAAGGAGAATTTTATTACGGGGAATTTAGTGATGGATCCAATG
AGGCTGGTGGCATCTACCAAGTCTTGAGATACCTTATGAGGGAGACGAGATCAGCATGATGCTGGTACT
GTCCAGACAGGAAGTCCCACTGGCCACACTGGAGCCTCTGCTCAAACCACAGCTGATCGAAGAATGGGCA
AACTCCGTGAAGAAACAAAAGGTGGAAGTCTACTTGCCAGGTTACCGTGGAACAGGAAATTTGATTTAA
AAGACATCTTGAAAGCCCTTGGGGTCACTGAAATTTTCATCAAAGATGCAAAATTTGACTGCCATGTCAGA
TAAGAAAGAACTGTTCTCTCCAAGCTGTTCAACAAGTCTTCATTGAGGTTAATGAAGAAGGTCAGAA
GCAGCTGTGGCCTCAGGAATGATTGCAATTAGCAGGATGGCTGTGCTGTTCCCCAGGTTATTGTGCACC
ATCCATTTTTATTCTCATCAAGAACAGGAAAAGTGGTACAATCTTATTCATGGGACGAGTCATGCACCC
TGAAACAATGAACACAAGTGGCCATGACTTTGAGGAAGTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053779
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_053779.1 , NP_446231.1
RefSeq Size:	2917 bp
RefSeq ORF:	1233 bp
Locus ID:	116459
UniProt ID:	Q9JLD2
Cytogenetics:	2q32
Gene Summary:	serine protease inhibitor; may be involved in neurite extension [RGD, Feb 2006]