

Product datasheet for RN214827

Serpini2 (NM_001134409) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Serpini2 (NM_001134409) Rat Untagged Clone
Tag: Tag Free
Symbol: Serpini2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214827 representing NM_001134409
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAAAAGACAATATTGTGGAGTTTCTACTATTTCTTTCTGGAAGTCAAACCTCAAGAACTATGGATC
 AAAAGAATGCTGAATTTGCAGTGGATCTTTATAAAGCTATTTCTTTATCCAACAAGAACAATGTTATATT
 TTCACCTCTTGGAACTGTGCTTCTTGGGATGGTCCAGTTAGGTGCGAAAGGAAAAGCACAGCAGCAG
 ATCATGCAAACTTTAAGAATGCAGAAAACCTCAACAGGAGAGGAATTCCTGTGCTGAAGTCACTTTTTT
 CAGCCATCTCGAAGAAGAAACAGGAATTTACATTTAATCTTGCCAGTGCCTCTACCTTCAAGAAGGATT
 CATTGTGAAGGAATCGTATCTCCATAGCAACAAGGAGTTTTTTTCCAGAGTGTACAAAACCTGGTGGATTTT
 CTAGATGCAAAGACTTCTGCACAGGCAATAAGCACCTGGGTAGAAAGCAAACAGATGGAAAAATAAAA
 ATATGTTCTCAGAAGAAGACTTTGGCCCTTGACTCGTCTGGTCTTGGTAAACGCCATTTATTTAAGGG
 GGATTGGAACAGAAATTCAGAAAAGAAGACAGAAATGACAGATTTTAGTAAGAAAGATGGCTCAACA
 GTCAGATTTCCAATGATGAAGGCTCTGTTGAGAGCAAAAATAGGTTATTTTTCCGAGTCATCCATGACAT
 ATCAAGTTTTGGAATGCCTTACAAGGCTGATGAGTTTAGTTTAGTCATCCTTCTCCACAGAAGATGT
 GAACATAGAAGAAGTGGAAAAACAAGTTACTGCTCGTCATGTCCAGAAATGGTTCTCTGAGCTGCATGAA
 GAGGAAGTGGAAAGTCAAGCTCCCTCGATTTAAAAATAGAACAAAAATTAGACTTCAAGAAGCATTATTTT
 CTTTAAACGTAACGAGATATTTAGTGGTGGCTGTGACCTTTCTGGAATAACAGACTCATCTGAACTCTA
 TGTCTCCAGAGCCATGCAGAAAGTTTTCTTTGAGATAAATGAAGACGGAAGTGAAGCTGCAGCATCCACA
 GGCATAAACATCCCTGCAATCATGAGTTGACTCAAACCAATTTCTAGCAAATCATCCATTTCTGTTTA
 TTATGAAGCACATCCAACAGAATCAATTTTTGTTTATGGGAAAGGTGACAGATCCGGACATCCATACAGT
 GAAAGGAAGAGATTTAGATTCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001134409
Insert Size:	1218 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_001134409.1</u> , <u>NP_001127881.1</u>
RefSeq Size:	1353 bp
RefSeq ORF:	1218 bp
Locus ID:	171149
Cytogenetics:	2q32
Gene Summary:	serine protease inhibitor; may have a role in neuronal cell communication, cell adhesion, and/or cell migration [RGD, Feb 2006]