

Product datasheet for **MC216810**

Serpinf2 (NM_008878) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serpinf2 (NM_008878) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Serpinf2
Synonyms:	A1747498; Pli; Serpimf2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216810 representing NM_008878
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCACTGCTCCGGGGCTCCTCGTACTCAGCTTGTCTCCTGCCTGCAAGTCCCTGTTTCACGTTCTCTC
 CGGTGAGCGCCGTGGATCTCCCGGGCCAGCAGCCAGTGAGTGAGCAGGCCAGCAGAAGCTGCCCTGCC
 TGCCCTCTTCAAGTTGGACAACCAGGATTTTGGTGACCATGCTACCCTCAAGAGGTCCCCAGGACTGC
 AAGAGTGTCCAACTGCAGAGGAGACTCGCAGGCTGGCTCAGGCCATGATGGCTTTTACTACTGACCTGT
 TCTCTTTGGTGGCCAAACATCTACCAGCTCCAACCTTGTCTGTCAACCCTTAGTGTGGCCCTAGCACT
 CTCTCACCTGGCACTAGGTGCTCAGAACCAACTACACAGCTTGCATCGAGTGTGCACATGAACACA
 GGATCCTGCCTCCGCATCTACTGAGCCATTTCTACCAGAACCTAGGCCAGGACAATCCGACTGGCTG
 CCAGAATACCTGCAGAAAGGATTTCCCATCAAAGACGATTTCTGGAGCAATCGGAAAGGCTCTTTGG
 TGCGAAGCCCGTAAACTGACTGAAAGCAGGAGGAAGACCTGGCGAACATCAACCAATGGGTGAAGGAG
 GCCACAGAGGGGAAGATTGAGGATTTCTCTCTGAGCTGCCGGATAGCACCGTGTGCTTCTCTCAACG
 CCATCCACTTTCACGGTTTCTGGAGGACCAAGTTTGACCCGAGCCTCACCCAGAAAGATTTCTTCCACT
 GGATGAGCGGTTACAGTGTCCGTGGACATGATGCACGCGGTGTCATATCCTCTTCGATGGTTCTGCTG
 GAGCAACCTGAGATACAGGTGGCTCATTTCCTTTAAGAACAACATGAGCTTTGTGGTCGTGATGCCCA
 CTTATTTTGTAGTGAACGTGTCCGAGGACTAGCCAACCTGACCTGGGATACTCTGTACCATCCCTCGCT
 GCAGGAGAGGCCACCAAGGTGTGGTGCCTAACTCCATCTGCAACAGCAGCTGGACCTGGTGGCCACC
 CTCAGCCAACCTGGCCTGCAGGAATTGTCCAGGGCCAGACCTTCGTGGGATCTCTGAGCAGAATCTGG
 TGGTGTCTAGCGTGCAACATCAGTCTACCATGGAGCTCAGCGAGGCTGGTGTGGAGGCAGCCGAGCTAC
 CAGCGTAGCCATGAATCGAATGTCCTCTCCTCTTCACTGTGAACCGACCCTTCTCTTTCATCATG
 GAGGACACCATAGGCGTGCCTCTTTGTGGGAGTGTGAGGAACCTAACCCCGCGCGTGCCTCCAGC
 TCCAGGAACAGCGAGATTTCCCTGACAACAGGCTCATAGGCCAGAATGACAAAGCTGACTTCCATGGAGG
 CAAGACCTTTGGTCTGACTTGAACCTGCACCCCGCATGGAGGAAGACTACCCCGATTCAGCTCCCC
 AAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_008878

Insert Size: 1476 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:

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_008878.2](#), [NP_032904.1](#)

RefSeq Size: 2199 bp

RefSeq ORF: 1476 bp

Locus ID: 18816

UniProt ID: [Q61247](#)

Cytogenetics: 11 B5

Gene Summary: Serine protease inhibitor. The major targets of this inhibitor are plasmin and trypsin, but it also inactivates matriptase-3/TMPRSS7 and chymotrypsin (By similarity).[UniProtKB/Swiss-Prot Function]