

Product datasheet for **MC201331**

Serpinf1 (NM_011340) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Serpinf1 (NM_011340) Mouse Untagged Clone
Tag: Tag Free
Symbol: Serpinf1
Synonyms: A1195227; EPC-1; Pedf; Pedfl; Sdf3
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC019852 sequence for NM_011340
 CAGAGTGCAGGCTGTGAGAGAAGCTGCCGCAACCACAGTCCGGGATGCAGGCCCTGGTGTACTCCTCT
 GGACTGGAGCCCTGCTCGGGCACGGCAGCAGCCAGAACGTCCCCAGCAGCTCTGAGGGCTCCCCAGTCCC
 GGACAGCACGGGCGAGCCCGTGGAGGAGGAGACCCTTCTTCAAGGTCCCTGTGAACAAGCTGGCAGCA
 GCTGTCTCCAACCTTCGGCTACGATCTGTACCGCTGAGATCCAGTGCCAGCCCAACGGGCAACGCTCTGC
 TGTCTCCACTCAGCGTGGCCACGGCCCTCTCTGCCCTTCTCTGGGAGCTGAACATCGAACAGAGTCTGT
 CATTACCGGGCTCTCTACTACGACCTGATCACCAACCCTGACATCCACAGCACCTACAAGGAGCTCCTT
 GCCTCTGTACTGCCCTGAGAAGAACCTCAAGAGTGCTTCCAGAATTGTGTTTGAGAGGAACTTCGAG
 TCAAAATCCAGCTTTGTTGCCCTCTGGAGAAGTCTATGGGACCAGGCCCGGATCCTCACGGGCAACCC
 TCGAGTAGACCTCAGGAGATTAACAACCTGGGTGCAGGCCAGATGAAAGGGAAGATTGCCCGTCCACG
 AGGGAAATGCCAGTGCCCTCAGCATCCTTCTCCTTGGCGTGGCTTACTTCAAGGGGCAGTGGGTAAACA
 AGTTTGACTCGAGAAAGACGACCCTCCAGGATTTTCATTTGGACGAGGACAGGACCGTGAGAGTCCCAT
 GATGTCAGATCCTAAGGCCATCTTACGATACGGCTTGGACTCTGATCTCAACTGCAAGATTGCCAGCTG
 CCCTTGACAGGAAGTATGAGCATCATCTTCTTCTGCCCTGACCCTGACCCAGAATTGACCATGATAG
 AAGAGAGCCTCACCTCTGAGTTCATTATGACATCGACCGAGAAGTGAAGACTATCCAAGCTGTGCTGAC
 TGTCCCAAGCTGAAGCTGAGCTTGAAGGCGAAGTACCAAGTCTCTGCAGGACATGAAGCTACAGTGC
 TTGTTTGAATCACCCGACTTCAGCAAGATTACTGGCAAACCCGTGAAGCTCACCAAGTGGAACACAGGG
 CTGCTTTTCGAGTGAATGAAGAGGGGCGAGGAAGCAGCCCCAGCCAGGCCTCCAGCCCGTCCGCCCTCAC
 CTCCCCTAGACTATCACCTTAACCAACCTTCTCTTTGTTCTGAGGGACACGGACACGGGGGCCCTC
 CTCTTCATAGGCAGAATCCTGGACCCAGTAGTACTTAATGTCTCAGTGCTCTACAGAACCCAGAGGG
 AAGCTGATTATACATTCCAGGAAGGCGCCGGTAGCTTCAAGTGTAGCCTCTGCAATAAAAGACTTTTCC
 TAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_011340
Insert Size: 1254 bp



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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:	BC019852 , AAH19852
RefSeq Size:	1420 bp
RefSeq ORF:	1254 bp
Locus ID:	20317
UniProt ID:	P97298
Cytogenetics:	11 B5
Gene Summary:	Neurotrophic protein; induces extensive neuronal differentiation in retinoblastoma cells. Potent inhibitor of angiogenesis. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity.[UniProtKB/Swiss-Prot Function]