

## Product datasheet for **MC216053**

### Serpina3f (NM\_001168294) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Serpina3f (NM_001168294) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Serpina3f
Synonyms:	2A1; BC049975
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216053 representing NM\_001168294  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCTGGTGTCTCCCCTGCTGTCTTTGGCTGCCAGATGTCACCCTGGGAAGGAACACTGCAGTCCGTG  
AAGTCCAAGAAAATATCACATCAGTGGACAGTTTAACTGACCCTCCAGCAACACTGACTTTGCCTTCAG  
CCTCTACAAGGAGCTGGTTTTGAAGAATCCAGATGAAAATGTTGTCTTCTCCCCATTAGCATCTGCACT  
GCCTTGGCCCTGCTGTCCCTGGGAGCAAAGAGCAACACCCTGAAGGAAATCCTAGAAGGTCTCAAGTTCA  
ACCTCACAGAGACCCCTGAACCAGACATCCACCAGGGCTTTAGGTACTTGCTAGACCTTCTCAGTCAGCC  
AGGGAACCAGGTACAGATCAGCACAGGCAGTGCCTGTTTATTGAAAAGCACCTGCAGATCCTGGCAGAG  
TTCAAGGAGAAAGCAAGGGCTCTGTACCAGGCTGAGGCCCTCACAGCAGATTTCCAGCAGCCTCTCGAGG  
CCACAAAGCTCATCAATGACTATGTGAGCAATCACACCCAGGGGAAGATCAAGGAACTATTTAGACCT  
GGATAAAAGGACATTGATGGTGTGGTGAATTACATCTACTTTAAAGGCAAATGGGAGATGCCCTTTGAT  
CCGGATGATACATGTAAGTCTGAGTTCTACTTGGATGAGAATAGGTCTGTGAAGGTGCCCATGATGAAAA  
TTAATAACCTGACGACACCCTACTTCCGGGATGAGGAGCTGTCCCTGCACTGTGGTGGAGCTGAAGTACAC  
AGGAAATGCCAGTCCATGTTTCCTCCCGACCAGGGCAAGATGCAGCAGGTGGAAGCCAGCTTGCAA  
CCAGAGACCCCTGAGGAATTGGAAGGACTCTCTGAAGCCAGGTTGATAAATGAGCTCTGCCTGCCAAAGT  
TCTCCATCTCCACCGACTACAGCCTGGAGCACATCCTTCTGAGCTGGGCATCAGGGAGCTTCTCCAC  
CCAGGCTGACCTGTCTGCAATCACAGGAACCAAGGATCTGAGAATTCTCAGGTGGTCCACAAGGCTGTG  
CTGGATGTGGCTGAGACAGGCACAGAAGCAGCTGCTGGCACAGGATATCAAAATCTCCAATGTTGTCAAG  
GTGTAATCTACTCTATGAAAATATATTTTCGACAGGCCATTCCTGATGATTATCTCTGACACAAACTCA  
TATTGCCCTCTTTATGGCAAAAGTTCAAATCCAGAGAGTGATGAGAACTTCTAAATGTGGAGATGCT  
TTTCCCCAAGTGCTGAAATTATGCCTGAATATAGGTCTGTCTGCACATGTTGCCTTCCATGTCTGACTA  
GACAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001168294

**Insert Size:** 1338 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\\_001168294.1](#), [NP\\_001161766.1](#)  
RefSeq Size: 2254 bp  
RefSeq ORF: 1338 bp  
Locus ID: 238393  
UniProt ID: [Q80X76](#)  
Cytogenetics: 12 E