

Product datasheet for **MC216052**

Serpina3f (NM_001168295) Mouse Untagged Clone

Product data:

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



Fully Sequenced ORF:

>MC216052 representing NM_001168295
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTGGTGTCTCCCCTGCTGTCTTTGGCTGCCAGATGTACCCTGGGAAGGAACACTGCAGTCCGTG
 AAGTCCAAGAAAATATCACATCAGTGGACAGTTTAACACTGGCCTCCAGCAACACTGACTTTGCCTTCAG
 CCTCTACAAGGAGCTGGTTTTGAAGAATCCAGATGAAAATGTTGTCTTCTCCCATTCAGCATCTGCACT
 GCCTTGGCCCTGCTGTCCCTGGGAGCAAAGAGCAACACCCTGAAGGAAATCCTAGAAGGTCTCAAGTTCA
 ACCTCACAGAGACCCCTGAACCAGACATCCACCAGGGCTTTAGGTACTTGCTAGACCTTCTCAGTCAGCC
 AGGGAACCAAGGTACAGATCAGCACAGGCAGTCCCTGTTTATTGAAAAGCACCTGCAGATCCTGGCAGAG
 TTCAAGGAGAAAGCAAGGGCTCTGTACCAGGCTGAGGCCTTCACAGCAGATTTCCAGCAGCCTCTCGAGG
 CCACAAAGCTCATCAATGACTATGTGAGCAATCACACCAGGGGAAGATCAAGGAACTCATTTAGACCT
 GGATAAAGGACATTGATGGTGTGGTGAATTACATCTACTTTAAAGGCAAATGGGAGATGCCCTTTGAT
 CCGGATGATACATGTAAGTCTGAGTTCTACTTGGATGAGAATAGGTCTGTGAAGGTGCCCATGATGAAAA
 TTAATAACCTGACGACACCCTACTTCCGGGATGAGGAGCTGTCTGCACTGTGGTGGAGCTGAAGTACAC
 AGGAAATGCCAGTGCCATGTTTCATCTCCCGGACCAGGGCAAGATGCAGCAGGTGGAAGCCAGCTTGCAA
 CCAGAGACCTGAGGAATTGGAAGGACTCTCTGAAGCCAGGTTGATAATGAGCTCTGCCCTGCCAAGT
 TCTCCATCTCCACCGACTACAGCCTGGAGCACATCCTTCTGAGCTGGGCATCAGGGAGCTCTTCTCCAC
 CCAGGCTGACCTGTCTGCAATCACAGGAACCAAGGATCTGAGAACTTCTCAGGTGGTCCACAAAGGCTGTG
 CTGGATGTGGCTGAGACAGGCACAGAAGCAGCTGCTGGCACAGGATATCAAAATCTCCAATGTTGTCAAG
 GTGTAATCTACTCTATGAAAAATATTTTCAGAGGCCATTCTGATGATTATCTCTGACACAAACACTCA
 TATTGCCCTCTTTATGGCAAAAGTTTCAAATCCAGAGAGTGATGAGAACTTCTAAATGTGGAGTATGCT
 TTTCCCAAGTGCTGGAAATTATGCCTGAATATAGGTCTGTCTGCACATGTTGCCTTCCATGTCTGACTA
 GACAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001168295

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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001168295.1, NP_001161767.1</u>
RefSeq Size:	2042 bp
RefSeq ORF:	1338 bp
Locus ID:	238393
UniProt ID:	<u>Q80X76</u>
Cytogenetics:	12 E