

## Product datasheet for MC209439

### Serpina1e (NM\_009247) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Serpina1e (NM_009247) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Serpina1e
Synonyms:	Dom5; PI5; Spi1-5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209439 representing NM_009247 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACTCCCTCCATCTCATGGTGTCTACTGCTTCTGGCAGGCCTGTGTTGCCTGGTCCCCAGCTTTCTGG  
CTGAGGATGTTTCAGGAGACAGACACCTCCAGAAGGATCAGTCCCAGCCTCCCATGAGATTGCTACAAA  
CCTGGGAGACTTTGCCATCAGTCTATACCGGGAGCTGGTCCATCAGTCCAACACTTCCAACATCTTCTTC  
TCCCCAGTGAGCATTGCCACAGCCTTTGCTATGCTCTCCCTAGGGAGCAAGGGTGACACTCACACGCAGA  
TCCTAGAGGGCCTGCAGTTCAACCTCACACAAACATCGGAGGCTGACATCCACAATTCCTTCCAACACCT  
CCTCCAAACCCTCAACAGACCAGACAGTGCAGCTGAGCAGCTGAGCACAGGCAATGGCCTCTTTGTCAACAAT  
GACCTGAAGCTGGTGGAGAAGTTTCTGGAAGAGGCCAAGAACCATTATCAGGCAGAAGTCTTCTCTGTCA  
ACTTTGCAGAGTCAGAGGAGGCCAAGAAAGTGATTAATGATTTTGTGGAGAAGGGAAACCAAGGAAAGAT  
AGTTGAGGCTGTGAAAAACTAGAACAAGACACAGTTTTCGTCTGGCAAATTACATTCTCTTTAAAGGC  
AAATGGAAGAAGCCATTCGATCCTGAGAACACTAAGCAAGCTGAGTTCACGTGGACGAGTCCACCACGG  
TGAAGGTGCCATGATGACCCTCTCGGGCATGCTTGACGTGCACCATTGCAGCACGCTCTCCAGCTGGGT  
GCTGCTGATGGATTACGCGGGCAACGCCACTGCTGTCTTCTCCTGCCCGATGATGGGAAGATGCAGCAT  
CTGGAGCAAACCTCAACAAGGAGCTCATCTCTAAGTTCCTGCTAAACAGGCGCAGAAGGTTAGCCGAGA  
TCCATATCCCAGACTGTCCATCTCTGGAACTATAACTTGGAGACACTCATGAGTCCACTGGGCATCAC  
CCGGATCTTCAACAGTGGGGCTGACCTCTCCGGAATCACAGAGGAGAATGCTCCCCTGAAGCTCAGCCAG  
GCTGTGCATAAGGCCGTGCTGACCATCGATGAGACAGGAACAGAAGCTGCAGCAGCTACAGTCTTACAAG  
GCGGTTTTTTGTCTATGCCCCCTATCTTGCACTTCAACCGCCCTTTCTTTTCATAATTTGAAGAACA  
CTCTCAGAGCCCCCTCTTTGTGGAAAAGTGGTAGATCCACACATAAATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_009247
<b>Insert Size:</b>	1242 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC061176</a> , <a href="#">AAH61176</a>
<b>RefSeq Size:</b>	1451 bp
<b>RefSeq ORF:</b>	1242 bp
<b>Locus ID:</b>	20704
<b>UniProt ID:</b>	<a href="#">Q00898</a>
<b>Cytogenetics:</b>	12 E
<b>Gene Summary:</b>	Does not inhibit elastase or chymotrypsin. No target protease has been identified to date. [UniProtKB/Swiss-Prot Function]