

## Product datasheet for **RR209003**

### Serpinf2 (NM\_001011892) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Serpinf2 (NM_001011892) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Serpinf2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide Sequence:**

>RR209003 representing NM\_001011892  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCACTGCTCCGGGGCTCCTGGTACTTAGCTTGCTCCTGTCTGCAAGTCCCAGTTCAATGTTCTCTC  
 CTGTGAGTGCCATGGATCTCCCGGGCCAGCAGCCAGTGAGTGAGCAAGCCAGCAGAAGCTGCCCCACT  
 TGCCCTCCTCAAGTTGGGCAACCAGGATCTTGGTGACCATGCTACCCTGAAGAGGTCCCCAGGAGATTGC  
 AAGAGTGCCCAACTACAGAGGAGACTCGCAGGCTGTCTCAGGCCATGATGGCTTTACTACTGACCTGT  
 TCTCCCTGGTGGCCAAACATCCACCAGCTCCAACCTTGTCTGTACCCTTAGTGTGGCCCTAGCACT  
 CTCTCACCTGGCACTAGGTGCTCGGAACCAACTGGAGAACCCTGCAACGAGTGTGCACATGAACATG  
 GGATCCTGCATCCCGCATCTACTGAGCCATTTCTGCCAGAACCCTAAACCCGGGACAATCCGACTGGCGG  
 CCAGAATACTTGCAGAAAGGATTTCCCATCAAAGATGATTTCTGGAGCAATCGGAAAAGCTCTTTGG  
 CGCGAAGCCCGTAAAAGTACTGGAAGGCAGGAAGAAGACCTGATGAACATCAACAAATGGGTGAAGGAG  
 GCCACAGAAGGGAAGATTGAGGATTTCTCTCTGAGCTGCCGGATAACACCGTGTCTCCTCCTCAATG  
 CCATCCACTTTCACGGTTTCTGGAGGACCAAGTTTGACCCAGCCTCACCCAGAAAGACTCCTTCCACT  
 GGACGAGCAGTTCACGGTGCCAGTGCCATGATGCACGCACAGTCATACCCCTTCGATGGTTCTGCTG  
 GAGCAACTGAGATACAGGTGGCTCATTCCCATTTCAGAACAACATGAGCTTCGTGGTCATAATGCCCA  
 CTTACTTTGGGTGGAACGTGTCCGAGGTACTAGCCAACCTGACCTGGGACACTCTGTACCAGCCCTCGAT  
 GCGGGAGAAGCCCAAGGTGCGGCTGCCTAACTTCATCTGGAACAGCATCTGGACCTGGTGGCCACC  
 CTCAGCAAGCTGGGCCTACAGGACTTGTCCAGAGCCAGACCTGCGTGGGATCTCTGACCAGAGTCTGG  
 TGGTGTCTAGTGTGCAGCACCAGTCTACCATGGAGCTCAGTGAGGCTGGTGTGGAGGACCGGCAGCTAC  
 CAGCACAGCCATGACTCGAATGTCCTTCTCCTTCTTTTTGAACCGACCATTTCATCTTTCATCATG  
 GAGGAGACCATAGGCATACCCCTCTTTGTGGGAAGTGTGAGAAACCCTGACCCAGTGCACAGCCCCAGC  
 CCCAGGAACAGCAAGACTCCCCTGACAACAGGCGCTTAGACCAGAATGACAAAGCTGACATCCCGGAGG  
 CAAGACCTTTGCTCCTGACTTGAACCTGTGCCCGCCTGGAGGAAGATTATCCCGAGTTTAGCTCCCC  
 AAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR209003 representing NM\_001011892  
 Red=Cloning site Green=Tags(s)

MALLRGLLVLSLSCLQGSSMFSPVSAMDLPQQQPVSEQAQQKLPLALLKLGNDLGDHATLKRSPGDC  
 KSAPTEETRRLSQAMMAFTDLFSLVAQTSTSSNLVLSPLSVALALSHLALGARNQTLENLQRLVHMNM  
 GSCIPHLLSHFCQNLNPGTIRLAARIYLQKGFPIKDDFLEQSEKLFGAKPVKLTGRQEEDLMNINKWVKE  
 ATEGKIEDFLSELPDNTVLLLLNAIHFGFWRTKFDPSLTQKDSFHLDEQFTVPVAMMHAQSYPLRWFL  
 EQPEIQVAHFQNNMSFVVIMPTYFGWNVSEVLANLTWDTLYQPSMREKPTKVRLPKLHLEQHLDLVAT  
 LSKLGLQDLFQSPDLRGISDQSLVSSVQHQSTMELSEAGVEAAAATSTAMTRMSLSSFFLNRPFFIFFIM  
 EETIGIPLFVGSVRNPDPQAQPQEQQDSDNRRLDQNDKADIPGGKTFAPDLKLVPRLEEDYPQFSSP  
 K

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

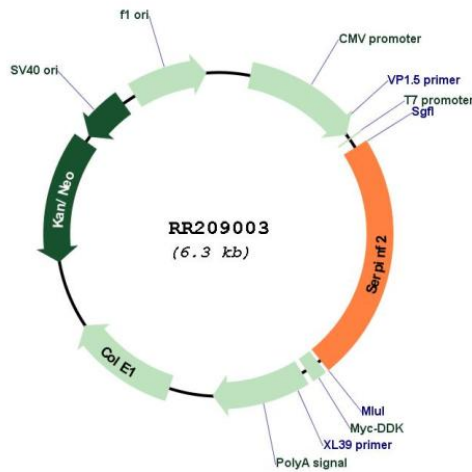
**Restriction Sites:**

Sgfl-Mlul

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001011892

ORF Size: 1473 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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\\_001011892.1](#), [NP\\_001011892.1](#)

**RefSeq Size:** 2197 bp

**RefSeq ORF:** 1476 bp

**Locus ID:** 287527

**Cytogenetics:** 10q24

**MW:** 54.9 kDa