

Product datasheet for RR216631

Serpina11 (NM_001166352) Rat Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Serpina11 (NM_001166352) Rat Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Serpina11 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| ORF Nucleotide Sequence: | >RR216631 representing NM_001166352 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGGCCAGTGTGGCTGTGGCTGCTGATAGCTGAGCTCCTGCTTCTGTCCATTATCAGCCATCTTCTG
CCCATGGAGATAAGAGTCTAGGGGCACCTCAACCAGCCACCAGTCCCTGGAGCCAGCACCCGCTCA
TCACAAAGTCACACCCACCATTACTAATTTGCTTTGCGCTATACAAGCAACTAGCAGAGGAAATACCA
GGGAACATCCTCTTCTCCCCGTGAGCCTCTCCAGCACCGTGGCTCTGCTCTCTCGGGGCACATGCTG
ACACCCAGGCTCAAATTCTGCAAAGCTTGGGCTTCAACCTCACAGAGACCCAGCAGCTGACATCCATCG
GGGCTTCCAGAGCCTCTGCACACGCTTGAAGTGGCCAGCCAACTGGAAGTAACTGGGGCACTCT
CTGTTCTTGACAGGCAGCTAAAGCCTCAGCAACGCTTCTGGACAGTGCCAAGGAGCTGTATGGAGCCC
TGGCTTTTTCCGCAATTTACAGAAGCAGCTGCCACAGGGCAGCAGATCAATGACCTAGTGAGGAAGCA
GACCTATGGGCAGGTGGTGGCTGTCTCCAGAGTTGATCGTGACACCCTTATGGTTCTCTTGAACAT
ATCTTCTCAAAGCCAAGTGAAGCATCCCTTTGATCGCTACCAGACCCGGAAGCAGGAGAGCTTCTTCG
TGGACCAGAGGCTGCAGCTCCGATTCCCATGATGCGGCAGAAGGAAATGCATAGGTTCTGTACGACCA
GGAGGCATCGTGACTGTGCTGCAAATCGAGTACAGCGGCACCGCTTGTGCTGCTGGTCTCCCTGAC
CCTGGGAAGATGCAGCAGGTAGAGGCTGCCCTCCAGCCAGAGACACTGAGAAGGTGGGGCCAGCGTTCC
TGCCAGTCTGTTGGATTTGCACCTGCCACGGTTTTCAGTTTCTGCAACCTACAACCTGGAAGAGATCCT
GCCCTCGTTGGCCTCAGCAGCCTCTTTGACGTGGAAGCCGACCTATCAGGAATTATGGGGCAGCTCAAC
AAAAGTGTCTCCAGGATATCGCACAAAGCCGTCGTGGACATGAACGAGAAGGGAAGTGGGGCCAGCTG
CCTCTGGCCTGCTCTCCAGCCCCATCCCTGAACATGACGTGAGCCCCACAGCCCACTTTAACAGGCC
CTTCTGCTTCTGCTCTGGGAGGTGACCACCCAGAGCCTGCTCTTCTAGGAAAGTAGTCAACCCAGCT
GCTGGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR216631 representing NM_001166352
 Red=Cloning site Green=Tags(s)

MGPVWLWLLIAELLPLVHYQPSSAHGDKSLGAPQPASHQSLEPAPAYHKVTPITINFALRLYKQLAEEIP
 GNILFSPVLSSTVALLSLGAHADTQAQILQSLGFNLTETPAADIHRGFQSLHLTLDLPSKLELKLGHSL
 LFLDRQLKPQRF LDSAKELYGALAF SANFTEAAATGQQINDLVRKQTYGQVVGCLPEFDRDTLMVLLNY
 IFFKAKWKHPFDROYQTRKQESFFVDQRLQLRIPMMRQKEMHRFLYDQEASCTVLQIEYSGTALLLLVLPD
 PGKMQQVEAALQPETLRRWGQRF LPSLLDLHLPRFSVSATYNLEEILPLVGLSSLFDVEADLSGIMGQLN
 KTVSRVSHKAVVDMNEKGTAAAAAGLLSQPPSLNMTSAPHAHFNRPFLLLLWEVTTQSLFLGKVVNPA
 AG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

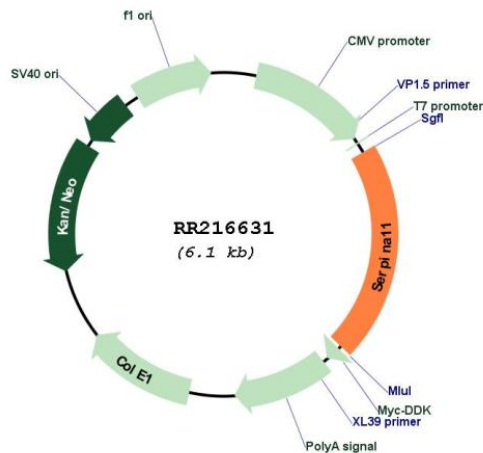
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



| | |
|-------------------------------|---|
| ACCN: | NM_001166352 |
| ORF Size: | 1266 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: | <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: | NM_001166352.1 , NP_001159824.1 |
| RefSeq Size: | 1468 bp |
| RefSeq ORF: | 1269 bp |
| Locus ID: | 362774 |
| UniProt ID: | Q7TPA5 |
| Cytogenetics: | 6q32 |
| MW: | 47 kDa |