

## Product datasheet for **RN202193**

### Serpina16 (NM\_181630) Rat Untagged Clone

#### Product data:

|                           |                                                                                 |
|---------------------------|---------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                             |
| Product Name:             | Serpina16 (NM_181630) Rat Untagged Clone                                        |
| Tag:                      | Tag Free                                                                        |
| Symbol:                   | Serpina16                                                                       |
| Mammalian Cell Selection: | Neomycin                                                                        |
| Vector:                   | pCMV6-Entry (PS100001)                                                          |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                            |
| Fully Sequenced ORF:      | >RN202193 representing NM_181630<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCACTCTCCATCCTGTCCCTCTGGCTGCTCCTGGCTGGGCTTGTCCTGCTGCGACCCACAGA  
 CACCACCACCAGAGGCTTCAAACATGTACAAATACCACTGACCCAAAGGAGCACCCCATCTTCAA  
 CAATCAAAATTTGCCTTGAGCCTGTACAAACAGCTACCACAGCCCAAACGAGGCAAGAAGTAACTTT  
 TCTCCACTTGGCATCATTGTGCCTCTTGTGCTGCTGGCCTTCCAGGATAAGCCAAAGCCGACACCAGG  
 TTCTGCAGGATCTAGGTTTACAGTCACAGGAGCCTTGGATACTAAAGCAGCCAGTGAGTATGGGAAGCT  
 GCTGAGTAACCTGCTACATACTAAGAAGTGGGGATCTACACCGGAAGTTTGCTCTTTATAGACAAGACT  
 CTAAGCCAGCAAAGACTTTTGTCAAAGTACCAACAGCTCCTACAACAGCAATGTCGTCCTCATCTCTT  
 TTGGGAAGTACGGGTTGGCCCAAAGCAGATAGACTTAGCCATTCGTGCCAGGACCCACGGCAAAATTAC  
 AAAGCTACTGAGAATTCTGAAGCCACCACTAAGTTGTTTCTGGCAATTATAATTTCTTTAAAGGGAAG  
 TGGAAATACCCCTTTAACCAGGAGCACACAGGATGAGGTACTTCTGGTTAGAAGATGGAACAAAACCC  
 TGGTACCAATGATGCAGAGAGTAGGCTGGTTCAGCTGCAGTATTTCTCCAGATGCACAGCTATGTCCT  
 CCAGCTGCCGTTACCTGCAGTATCTCAGGCGTCTTCTTTCTCCCGATGATGAAAAATTTGAGGAAAGT  
 GAGAAGGCACTGTTGGAGCAGAGTTTGAACATGGATTAGCCCTTTCCCATGAGTAAGAGGTGGCTGT  
 TTTTCCCAAAATCTCCATACCTGTTGCTTTCACCTGGAAGAGCTCAAGCACGTTAACAGTAACATTAA  
 ACTGTTACAGCAACATGGACCTCTCAAGAATCACTCTGCAAAAGGCACCGTTGACAGTCAGCAGGCA  
 GTACACAGAGTGGAGCTGACTGTGAATGAGGACGGAGAGGAAAAGGATGAGTCCCAGCCCGAACCAGACC  
 TTGCCACTCTCCACTTCAATAGATCCTTCTACTACTAATCCTGGATGAAACCAGCAACAGCCTTCTCTT  
 CATGGGAAAGTGGTGAATCCCACTAGAATCAACATGGACACTCTACAATTTCC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ACCN:</b>                  | NM_181630                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Insert Size:</b>           | 1248 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>                | <u><a href="#">NM_181630.2</a></u> , <u><a href="#">NP_853661.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>           | 1590 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 1248 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 299271                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cytogenetics:</b>          | 6q32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |