

## Product datasheet for RN216454

### Sgpp2 (NM\_001191811) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Sgpp2 (NM\_001191811) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Sgpp2  
 Synonyms: RGD1565739  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN216454 representing NM\_001191811  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTGAGCTGCTGCGGAGCCTGAGGGATTGAGGCTCGTGGCAGCCTCCAGCGGCGCTGCGGGCTCT  
 TTCAGGGCAGGAGGCTTCTGGTGAGAAGCATGTTGTGAAGAATTATTTCTACTATTACCTGTTCCGGTT  
 TTCAGCTGCTTTGGGTGAGGAGTGTCTACATCACATTTCTCCATTACCCACTGGAATATCGACCTT  
 TATTTGTCCAGAAGATTGGTCGTGATATGGTTTTGGTGATGTACATTGGCCAGGTGGCCAAAGGACATCC  
 TGAAGTGGCCCCGGCCCTCCTCTCCTCCGTTGTGAAGCTTAAAAGAGAGTGATTGCAGAATATGGAAT  
 GCCATCCACCCATGCCATGGCCGCCACCGCCATTTCTTCCACCCTCCTCATCTCCACCATGGACAGGTAC  
 CAGTACCCTTTTATTTAGGCCTGATCATGGCTGTGCTGTTCTCTACACTGGTGAGTCTCAGCAGACTCT  
 ACACGGGGATGCACACAGTCTGGATGTCTGGTGGCCTTAAATCACGGCGGTCTCATCGCCCTGAC  
 CTACCCTGCCTGGACCCTCATCGACTCCCTGGACTCCGCCAGCCCTCTCTCCCTGTGTGTGTATAGTT  
 GTGCCGTTCTCTGTGCTACAATTACCCTGTGTCGACTACTACAGCCCGACCAGAGCGGACACCACCA  
 CCGTCTGGCTGCCGGCGCTGGAGTGACCGTAGGATTCTGGATCAACCACTTCTCCAGCTCGTGTCCAA  
 GCCACCCCGTCCCTCCCTGTGATTGAGAATCCCCCATTACCACTGACATGCTGGTTTTAGGCCTG  
 ACCAAATTTATGGTGGGATCATGTTGATCCTCTTGGTTCGCCAACTGGTGCAAAACCTCTCTGCAAG  
 TGTATTCTCATGGTTCAAGGTGGTTACTAAGAACAAGGAGGCCAGGCGAAGACTAGAGATTGAAGTCCC  
 TTACAAGTTTGTACCTACACATCTGTTGGCATCTGTGCCACAACCTTTGTGCCAATGTTGCACAGGTTT  
 TTGGGATTGCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001191811



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<b>Insert Size:</b>	1065 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>NM_001191811.1, NP_001178740.1</u>
<b>RefSeq Size:</b>	1126 bp
<b>RefSeq ORF:</b>	1065 bp
<b>Locus ID:</b>	301543
<b>Cytogenetics:</b>	9q33