

Product datasheet for **RN207354**

Sppl2a (NM_001107770) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Sppl2a (NM_001107770) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Sppl2a |
| Synonyms: | RGD1563001 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN207354 representing NM_001107770
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGTTGCTGCACTCGTGCACGCTCCCGCTGCTGCCCTGCTGTGGAGCTGCCTGCTCGGACTGTCAG
 CTGCTCAGGAAGCCATCCTTCATGCATCTGCAAAATGGCGTATCTTCACTTTCCAAGGACTACTGCATGTA
 TTATAACAACAACACTGGACACGGCTTCCAAGTCCCTAGAAAATGCAACTTCTCTTAGCTTGATGAATCTG
 ACTGGCACACCACTGTGCCACCTTTCTGATATTCTCCTGATGGCATAAAGAACAAGGCAGTGGTGGTAC
 ACTGGGGACCCTGCCATTTTCTGAAAAAGCCAAAATTGCACAGGAAGGTGGTGTGCAGCGTTGCTGAT
 TGCCAACAACAGTGTCTAATTCCTTCTCAAGGAACAAATCTGCATTTCAAATGTGACTATACTAATT
 GCAGTTATAACCCAAAAAGACTTAAATGATATGAAAGAGACTCTGGAGATGACATTACCGTGAAAATGT
 ATTCTCCATCCTGGCCTAACTTTGACTATACTCTGGTGGTCATTTTTGTAATTGCTGTGTTCACTGTGGC
 ATTAGGAGGATACTGGAGTGGACTTATTGAATTGGAAAGCATGAAGGCAGTGAAGATGCTGAAGATAGA
 GAGGCAAGGAAAAAGAAGGAAGACTACTAACATTCAGTCCTCTCACCGTTGTCCTGTTCTGTTGATCATCT
 GCTGTGTAATGATTGTCTTACTGTATTTCTTCTACAAGTGGCTGTTTATGTTATGATAGCAATTTTCTG
 CATAGCATCAGCAACGAGCTTGTATAACTGTCTCGCTGCATTGATTCATCGGATGCCATGTGGACAGTGC
 ACGATTTTGTGTTGTGGCAAAAACATTAAGTGTGAGCCTGATTTTCTTTCTGGACTGTGCATCTCAGTTG
 CTGTTGTGTGGCTGTGTTTTCGAAATGAGGACAGGTGGGCTTGGATTTTACAGGATATCTTAGGAATTGC
 TTTCTGTCTCACTTAATTAACAATGAAGTTACCCAATTTTATGTCATGTGTGATACTGCTAGGTCTT
 CTCCTCATCTACGACGTGTTCTTTGTCTTATAACACCATTCATCACAAGAATGGAGAGAGCATCATGG
 TGAATTGCTGCTGGCCTTTTCGAGAATGCTGAAAAGTTGCCAGTAGTTATCAGGGTGCCAAAGTCAT
 GGATTACTCAGTCATGAGTGTGCTCAGTGCCGGTTTCAGTGCTGGGGTTCGGAGATATCATTGTTCCA
 GGTCTGTTGATTGCATATTGTAGAAGATTTGATGTTTCAGACTGGTCTTCTATATACTATATATCATCTA
 CAATTGCCTATGCTGTTGGCATGATAATTACCTTTGTGGTCTTAATGGTATGAAGACAGGACAGCCTGC
 TCTCTCTATTTAGTACCTTGTACACTTATTACTGCCTCAATCGTTGCTTGGAGTCGTAAGGAAATGAAA
 AAGTTCTGAAAGGTAGCAGCTACCAGGTGATGGACTACCTGGACTATTCACAAATGAAGAAAACCCAG
 CAGCTACTGACGAGCAGATTGTACAACAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001107770

Insert Size: 1572 bp

OTI Disclaimer: 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).

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_001107770.1](#), [NP_001101240.1](#)

RefSeq Size: 2173 bp

RefSeq ORF: 1572 bp

Locus ID: 311401

Cytogenetics: 3q36