

Product datasheet for **RN212795**

Sppl2c (NM_001105847) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Sppl2c (NM_001105847) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Sppl2c |
| Synonyms: | Imp5; RGD1560562 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN212795 representing NM_001105847
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCATGCCTGGGTTCCCTCCTCCCATAGGCTCACTCCTCCTCCTCCTCAGCCCCGAGGCCCGGG
 GAGAATATGGCGTGGTCCGAGTCGTGTCAAAGAACTGGAACAAGGATTATTGTGTCTGTATAGCTCTGA
 CTATGTACCCCTCCCCGGGACCTGAGCCATGCCCACTTCTGCCCTGCATGATGGCACCACAGACCA
 TGGTGTCCGGATGAAGACTCTTTCCACCAGGCCAAGACAGTTCCCTTAGTCAGCGACCCCTGCACCAGA
 CTACGACCATGGTGTGCGTGGCAACTGTAGTCTATGCCAAGGGCTGGTTGGCTCAAGACCACGGTGC
 CCATGGGTTGCTCATTGTGAGCCGGCCAGCAATCAGCAGTGTTCAGACACCACCTCAAAGCCCCAGGAC
 CCCAGCAAGCCCCGGCTGCTCTACTATTCCAGTGGCTGTGCTCCGCTACACTGACATGTTGGACATCC
 TCAGCCCACTTACGGTGACACCAATGTCCACATAGCCATGTACGCTCCCCTAGAGCCTATCATTGACTA
 TAACATGGTGATTATCTTTATCCTGGCTGTGGCACGGTTGCCGACGGTGGCTACTGGGCTGGTTTGATG
 GAGGCAGACAGGCTGCAGAGACACCAGGCCGAAGAGGAGGGGGTTTGGTGGTCACAATCAATCACAAA
 CGGTGTCAGCTGAGAGGTCCTCAAGGGCTGAAAGAGGAAGACTATGAAGACGCAGCTGTGGATTTAC
 ACCAGCCATGACGGGCGCTGTGGTCACCATGTCCTGCTCTATCATGGTTCTGCTCTACTTCTTCTACGAC
 TGCTTCGTCTACATCATGATTGGGATCTTCGGCTTGGGTGCCAGTACCGGCTCTACAGCTGCCTGGCAC
 CCATAGTGCCTACCTGCCCTATGGCAACACCAGTGGTCTGCCTGGACACCGGGCTTCTGTAAAGTT
 GTCATTACTGTGCTGGCGGGCTGTGTCCATGGTGACTGTCTCTGGTCACTACCGCAATGAGGAC
 CGTTGGCATGGCTCTGCAGGACACTTGGGTGTGGCTACTGCCTCTTGTCTGAGGCGGGTGGCGG
 TGCCACCGCTCAAGAAGTGCATTCGTTCTGCTGGCCCTGCTGGCCTTCGATGTCTTCTCGTCTTTAT
 CACACCCCTGTTCACTAAGACCGGGGAAAGCATTATGGTAGAGGTGGCATCGGGCCCGGTAGACTCTTCA
 AGCCACGAGAGGTTACCTATGGTGTCAAAGTGCCCGGATGAGCTTCTCCGCTTGACATTGTGCGACC
 AGCCCTTCTCCATCCTTGGCTTTGGTGACATTGTTGTCCCTGGCTTCTAGTGGCCTACTGTCACCGCTT
 CGACGTGCAAAATCCAATCTCGCCAGGTCTACTACAGGGCTGTACAGTGGCCTATGCCATGGGCCTGCTA
 GTCACCTTCGTGCCATGGTCTCATGCAGATGGGCCAGCCCGCCTACTCTACTTAGTGTCCAGCACCC
 TGCTTACCAGCCTCGTGGTGGCCACCTGCCCAAGAGCTCACCTTTTCTGGACCGCCAGGGCAGAGC
 TAAGATACCTGCTGAGCCTGTGGTACAGCCCTGCATTGTCTCTGTGTAGCCTGCAGGATGAAGCTGGAG
 GGTGTGAAGGATCCCGTGTGACCAACAGTTTGGAGAGGCCATTGACAGAGAGTCAAGGGACTTAGACA
 GCAACCCCGGGATGACATAGCAGAGATGGTACCCTCTCTGAAGATGAAGCCACGAGTCCAGAGGGCCA
 CAGTGAGAGTTCGAGGGCTGGAGTGACACCAACTAGACCCCGATGAGCTACCCTCTGGGTCCCCCATG
 GCCCTAGAGGAGCTGATGCCTCTGGCCATGTTGATACCACTGATCCCACCAATCCCACACACCTCCGAGT
 TGGGCCGATCCACACCCAGTCTCGGGTCCGTGACAGCAGCCTGCCCTGGATGGGATGCACAAGAGAAA
 GGGCTTGAAGGTGAAGAAGAGTATGTCAACCCAGGCTCCCCTA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001105847
Insert Size: 2076 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).

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| 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: | <u>NM_001105847.1, NP_001099317.1</u> |
| RefSeq Size: | 2231 bp |
| RefSeq ORF: | 2076 bp |
| Locus ID: | 287753 |
| Cytogenetics: | 10q32.1 |