

Product datasheet for **MC206546**

Sypl2 (BC030038) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sypl2 (BC030038) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sypl2
Synonyms:	A1552439; Mg29
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC030038
ACAGAGCCTCCGAGAGCGCGAGCAGCAGCGCCCCACGACCCAGCCCGCCAGCCTGGAGCCCGGCCTGCC
CACGGCCTCGAGCCCGCCGCCCCAGCGCCCCCGCCCCACGCAGCCTCCCGGCCAGGGAGTCGAACCC
TTGCACTGCGCCCCGACGCGCCAGCATGTCCTCGACGGAGAGCCCCGGCCGACCTCGGACAAGTCTCCG
CGCCAGCAGGTGGACCGCCTGCTCCTGGGGCTGCGCTGGCAGCGCCTGGAGGAGCCGCTGGGCTTCATCA
AAGTTCTCCAGTGGCTCTTTGCTATTTTCGCCTTCGGTCTCGGGTCTTACAGCGGGGAGACGGGAGC
CTTGTTCTCTGCAACAACGAAGCAAGGACGTGAGCTCCATCATTGTTTTGTTCCGGCTATCCCTTCAGG
TTGTACCAGTCCAGTATGAGATGCCTCTGTGATCAGGACTCCACCTCCAAAACCATGAACCTCATGG
GAGACTTCTGTGCCCCCGCGAGTTCTTTGTGACCTTGGCATCTTTTCCTTCTTACACAATGGCTGC
CCTGGTCATCTACCTGCGCTTCCACAACTCTACACAGAGAACAACGCTTCCCGTTGGTGGATTCTGT
GTGACTGTCTTTACCTTCTTTGGTGGTTGTGCCGCTGCCTGGGCAAGGGCTTGACTGACGTCA
AAGGGGCCACCCGGCCATCCAGCCTGACTGCAGCCATGTCTGTGTCCATGGAGAGGAGGCAGTGTGAC
CGCCGGGGCCACACCCTCTATGGGGCTGGCTAACCTCTGTGCTCTTTGGCTTTATCAACTTCTCCTG
TGGGCTGAAAAGTGTGGTTTGTGTTCAAAGAGACCCCGTGGCAGGACAAGGCCAGGACCAGGGCCAGG
GCCCCAGCCAGGAGAGTGCAGCGGAGCAGGGGGCAGTGGAGAAGCAGTAAGCAGCCTTCATCTGCCTACT
CCCCAACTGGACGGCACCTGTGACCTCCAGCTTCTACAGGACCTCCTCCTTCTCCTCTCCTCCTG
CTCCTCCTCTCCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCT
GGTGGGCATCAGCTGTTGGTAACCTGGGCAGACCTCCACTGGCTTCTATCCCTCATCCTGCTGGGGCA
GCAAACGGCAGGATCTCAGTGTCTTGTCTGTGCTGCCTGGACTGAAGCATTTACTTGGGGAAGTACT
GGCAACCTTGGCCTGAGTCTGTGTGGAGGGCCACCAGTGATTTTGTGGCATCCCTCAATAACTGGCAT
CTAATCTGTATCCTATCTCTAGCCCTCCAGAGCCAGTGCTCCCACCATGTGTGAAGCAGGGAGACC
CATTATCCTATCAGAGTCCCTTAAGGGTCCACATGAGACCCGACCCAATGGGAGCAGAGAGAGTTGC
AAGTACATTGCAGCACCAGGAAGAAAGTGGGAAAGTTGCTGGCAGAATAAGTTTTCTGTTCCCTCAGC
CCTTCTTTCCCTCAGCTGGAACACTTTTCGGTAGCACCTTACACCACTTACTCATGAAACCCCTTACT
CCCTTCTCCTTCTCGGCCTTGGTTTTGTGGGCTTTGGGAGGGCCTGAAGGACCATCGTGACATGAGATGC
CCAGGAGTCCCGGGACAAGGATACATGGGCCACCTGTCCCTTACCGTCTGTTTCTCAAGCCAGC
ACCTTTTCTAGTTCTTTCAAACCTTTCTGTCCCATCTTTACAAAGAGGGTATCTGCTCCTGTCTCTCGC
CTCCATGCAGTAGCCAGGCCCCATCCTTCCCCAGTCTGGGCAGCCCGATGCTATTGGTGTCTTCTCATT
TCGGGACCAGATCCATATTTGCTTTGGTGTGTCTCCTCCTCCTGATTCTCCTGTCATCCCTCTTTGG
GCCCGAAGGCCAGAGGTACCAACTGGGCAAATGCCATCTGCCTTTTACCAGATCAAAACCCCTTGATC
TACCCTGGCAGTAGGGTTGCTTAGGAAAGATGATAAAGAAGGAAGAAACCAGCCGTTTCCCAATTTAGT
GGCAATTTGCCACTTAGCACCCCAAAGATGAATGTACCTTGTGCCAACCTGTCCCTCATGACATGATCGA
CCCTCTCAACCCCTTGCTTCTCAATGCTACCCACATCAAGATGATTTTCTGGGGGCCAGGGCTC
AGAATCCTTAACTTTGGGCTGTTCAATTTCTTTGGGTACAATTTCCCCACCCTTCAGAGGAAGTAGG
ATATTTACACACTTTCAGATGCTCCCGAGCCATTAGTAAATAATTTGGAAATTTAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI
ACCN: BC030038
Insert Size: 795 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: [BC030038](#), [AAH30038](#)

RefSeq Size: 2388 bp

RefSeq ORF: 795 bp

Locus ID: 17306

Cytogenetics: 3 F2.3

Gene Summary: Involved in communication between the T-tubular and junctional sarcoplasmic reticulum (SR) membranes.[UniProtKB/Swiss-Prot Function]