

Product datasheet for **MC204106**

Synpr (NM_028052) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Synpr (NM_028052) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Synpr
Synonyms:	1500003F20Rik; SPO
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC026512
 GCTGGAACCTACAGCCGGCGCTCCCCACTCACCCCGGGTCCCAGGCTGAGCCGCTCACCACCAGAAGTGGC
 TTCTGACCCTGGGGAGCGTAGGTGAGAGGAACCTCATTCTGAAGGGAAGTGGTTCGAGAGAAGACAGAG
 TACGGGAGAGCCATGGACCCTGTGAGCCAGGTGGCCTCTGCGGGCACCTTTCGGGCATTGAAGGAACCCC
 TTGCCTTCTGCGAGCTCTGGAGTTGCTTTTTGCAATGTTTGCAATTTGCAACATGTGGTGGCTATTCAGG
 AGGCCTGCGGCTGAGTGTGGACTGTGTCAATAAGACAGAAAGTAACTCAGCATTGACATAGCGTTTGGC
 TACCCATTGAGGCTGCAACAGGTGACCTTTGAAGTGCCACCTGTGAGGGAAAGGAACAGCAGAAGCTGG
 CATTGGTTGGAGACTCCTCATCCTCAGCAGAATTCTTTGTCACCGTGGCTGTTCGCCTTTCTCTACTC
 CCTGGCTGCCACGGTCGTGTACATTTTCTCCAGAACAAGTACCAGCAAAACAACCCGGGGCCCACTCATT
 GACTTTATCGTCACTGTAGTCTTTTCTTTCTTTGCTGGTGGTGGTTCCTCTGCTTGGGCAAAAGGACTGT
 CTGATGTCAAAGTGGCAACAGATCCCAAAGAAGTCTGTTGCTGATGTCAGCTTGAAGCAGCCTTCCAA
 CAAGTGCATGGCTGTCCACAGCCCTGTCATGTCCAGCTTAAACACATCTGTGGTCTTCGGGTTTTGAAT
 TTTATCCTCTGGGCTGAAAACATTTGGTTTGTTCAGGAGACTGGCTGGCATTCTCTGGACAGAGAT
 ACCTTTCAGACCCATGGAGAAGCACTCCAGCAGCTACAATCAAGGACGCTACAACCAAGAGAGTTATGG
 GTCAAGTGGTGGTACAGCCAGCAGGCGAATCTGGGGCCAACCTCCGATGAGTTTGGCCAACAGCCTAGT
 GGTCACCTTCTTTAACAAATCAGATATAACGGAGTATCACCCAAATCTTCTGGTGATAGCATCACACC
 CCTCCATTTCAAGTACAGAGAAGATTTTTAAGAGTTTCAATCAATTAATATGATAGAGAATGTTGAATGTA
 AATCAGAGATCTGTAGTCTCATTAAAGACACAAAGGCCTGGTGGTGATAAATGGTACTTAGAGATGAGA
 TGTCAAGGAGATAAATATTCATCACAGATGGGTAATTAGAAAATGATCTTGTATATACACAGACACT
 TTTATGGTCGTTTTGTATTGTGGTAAAAATAGTAGAAGCATTGTAGCTTAAAGTCTCTAGTATGTAATG
 TGCATAGATTACCTAAATAGTATACAGTTTTCGTATGTGTTTTGATGCAACAAATTTTACTGATTTT
 TAGATGACTATTTGATGAATCACATCATGCATGCATTACTATTTTTAGTTTAGGCCTTTTAGAAGTGA
 ACTCTGTTTTGATAATTCTCTATTGTTTTCACTTGATAAAAACAATGTTTATATGATTTTCATGCATGA
 ATAAGTATTTTCTCACAGAATGTTTGGCTGATTTCTGGAGACATTTTCAGTTTGCATCATGAGTTTGTTA
 AGCAAGTATTTAAAGACATGTATGCATGCTTTCTAGACTTTGCAAGTTTGCCTCTGACTTTACCCAA
 GTTCTGAATGCATTAGAGCTAAAGTCTGGGAGCTTTCCCTATTTGCAATAGTGTCTGTAAGGTGACTG
 CTCAACACTTCTCTGATTTATTTAAGTAAATATTTACATCTTGTAACTTTCTATGCAGTTTCGTGTATC
 TTATCTTACGAGCCATGACTGATAACGTCCAATGACCCTGTGCTTGTAGAGTGGCGTTTTCTTGCATCC
 AGAGAGGCAGATTTAGACACCATAGTTTAAAGTAGTATTAAGAAAATGAGCTATGCTGTTTTATGTACCAA
 ATGAACGTTTGTAGTTTGTATTTTGAAGCTAATATGTTGTTCTAATTTTAGAATCTCAT
 GTTATAGCTTAAACAGAATTAATAATTTGATTTGCTTATACATAGATTAATAATGGCTTCTCTATGTCAC
 TCTATTTCCAAAGAGGGTCTCATGAAACTCTCCACAGAACATATTCATTATTAAGAAGAAACCAATCTT
 CGTTTTCTCATTTAACTCAATTGAAATAGAATGCCAACAGGAAGGGCAAGCTAAACATCTGTGCTTC
 TAGATAAAGTTGTAAGTGTGCAAAATGATGTGTGATCTGTGATGTTGAAAGCAGTTTAGCACAAAA
 TAGGCTGTCTAAATACTATCTGTAAGTATTTCTTAAATCCTATTGTTTATTAATCCTGTACTGTGAT
 ATCTATTTGACCTCAATAAAGTTATTGCATACAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_028052

Insert Size: 858 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: [BC026512](#), [AAH26512](#)

RefSeq Size: 2428 bp

RefSeq ORF: 858 bp

Locus ID: 72003

UniProt ID: [Q8BGN8](#)

Cytogenetics: 14 A1

Gene Summary: Intrinsic membrane protein of small synaptic vesicles. Probable vesicular channel protein (By similarity).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the shorter transcript and encodes the longer isoform (1).