

Product datasheet for **MC222907**

Synpo2l (NM_175132) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Synpo2l (NM_175132) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Synpo2l
Synonyms:	1110054M18Rik; Chap
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222907 representing NM_175132
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTGCTGAGGAGGAGGTGCAGTGCACATTAGCAGGGGAGCACCTGGGGCTTCCGACTTCAGGGG
 GGACCGAACAGAGGAAACCTTTACAGATCCGAAGACGGAGCCAGGCTGGCAGAGCAGGACTCCGGGAGAG
 GGACCAGCTCTTAGCGATCAACGGGGTTTCTTGACCAACTTCTCCCATGCCAGTGCCATGACCCTCATC
 GACGCCTCAGGGCGTCAACTTGTCTTACTGTGAGGAGGGTAACAGATGAAGGGTCTGTGAGATCCCAT
 CCCCCGAGAGCTACAGGTGCTATCACCTTATCTCCACTGAGTCTGAGCCCCAGGTGCTCTGTTC
 CCAGGCTCTTACGCCACAAGCCTTCGTTACCCCTGACAGCGAAGCTTACTATGGAGAGACAGATAGT
 GATGTTGATGGCCCTGCCACACAAGAGAAGCCACGCCAACC CGCCGAGAGGCTCTGCAAGGCCTTCCC
 TTCCAGGAGCCCCACCTGATGAGGTGTACCTGTCTGACAGCCCTGCAGAACCAGCACCTGTTAAACTGG
 CTCTCCAGCCAGGGCGACAGCCGTGTAAGCTCCCATCTTGGGAGGAAGGGGCAGCCCTCAGCCCCCA
 CCAGCAGAGGCACTTCTGTTACCCCATGGTCCACTCCGGCTGGCCCTCATCTCATCCCTATGGTGGGCC
 CTGTCCCCACCCAGTGCCAGAAGATCTCACTACCACCTACACCCAGAAGGCCAAGCAAGCCAAACTGCA
 ACGCGCAGAAAGCCTCCAGGAGAAAAGCGTAAAGGAGGCCAAGAACCAATGCCGGACATTGCATCCCTG
 CTAACAGCAGCCCCAACCTCACTCCAAGGGGTGCTTATGTTAAGAAGCGGGCAGAGAGCCAAAGA
 AGTACACCCTAGTGAGTTTTGGGGCCGACGCTGGGACAGGAACAGAGGAGGAGGACGGCATCCCCAAC
 GAGTGAGTCGGAGCTGGACGAGGAGACCTTCTCAGACGCCCGACGCTTACTAATCAATCCGACTGGGAC
 AGCCCCATCTAGACATGGAGCTGGCTAGGGTGGCTTAGGCACAGCAGAGAGTCAGAACTCTGGACTGG
 GAGGGCAGCTAAGTGAGGTCTCTGGGCGAGGGGTCCAGCTCTTTGAACAGCAGCCGAGGGGTAGCTC
 CAGCTCCAGGAGCTGGCTCAGGTGGGCCAGCAGCTATGCTTAATGGGCAGAGTCTGCAGTCCCCACCT
 CGAGCACAGAGTCTCCCCAGAGGCGAGCTGTGCTCCCACTCAGCCCTTGTGCGTCCCTGCAGTACGCC
 CTACCCCTTCTTCCCGGATGGTGGAGCCCCATCCCTGCACCAAGTATCTTTAAGAGTGCAGGAGGCC
 TTTTACCCAGGTTTACAAGGGCAAAGGTACAGTACCACCTCAGTGATTTTCCGGCCCTTGGCCCCAAG
 AAGGTGAATGAAGGCTTGGGGAGCACTAGCCCCGCCCGTCCCCCTTCCGAGCCCTCCACAGGGGCCCA
 CCCCTCTGCCAGCTTACCACAGTGGTCCCAGCCACACGCCGGTCTCTGGGGCTTCTAGCAGCACCCA
 ACGCTCCTCTGGTCTGTGACCGCTACCAGTTCCTTGTACATCCCAGCCCCAAGCCGGCCTGTTACACCA
 GGAGGCGCCCCAGAACC GCCACTCCTCCTAGCGCTGCTGCCATGACCTCCACCGCTTCCATCTTCTGT
 CCACTCCACTAAGAACTCTGCGCGCCCGAGGCGCCGGGCCCGCGGTCCCGAGCCTGCCAGCGTTCCG
 GGAGCAGCGCATCTCTGTGCCGGCTGCCCGCACCGGCATCCTGCAGGAGGCTAGGCGCCGGGGCACCCGC
 AAGCAGATGTTCCGGCTGGGAAGGAAGAGACGAAGAAGCTCGCCCAACCCGGAGCTGCTGTCACTAGTGC
 AGAACCTGGATGAAAACTCGGGCGGGCGGTGCGGAATCTGGTCCGGAGGAGGACGCTTAAAGCCTCGG
 GGCTGAAGCCTGTAACCTCATGCAGCCACTAGGGGGCAGGAGTTACAAGACCTTGCTCAAGTATCACCG
 AAAACCCCGCCTCCAATGGCTCCAAAACCTCACCCCTACAACGCTAAGACTCCACCTCCCGTGGCTC
 CTAACCTGGGTGCGAGGGCTCCTTGTGGCTAGTGAATGGATCGACCCGATGGTGGGAATCCCTGA
 GCCGCCAAGGCTGCAAGGGAGGGCGGGGAGCTATTTGCCAAACGGCAGAGCCGTGCCGATAGGTACGTG
 GTGGAAGCTACATCTGGCTCTAGCTTAACTCAGGCCTTCGCCCTAGAAGTCTTCTCCACACCTCAC
 TGCCCCATCCTGAAATACTACCCCAACATCCGTGCCACCTCCTATTGCTTACAACCACTTCTCTC
 ACCCTTTTTTCCCAAGCTGCCGAACCTCCCAATAAGGCTCAATCCCAGGGGCTCGGGTGACCCCT
 AAGCAGGGTATCAAGGCCTGGATTTTATGCGACATCAGCCATACCAACTAAAACGGCCATGTTTTGTT
 TTGATGAGGGTTCTTCAACTCCTGGCCCCACTTCAGGGCTCCCAAACTGCCGAGTTCAGGAGATCCG
 CAGATTTTCACTCCTGCACCCAGCCACTGCAGAGCCCTTGGTCCCCTGTGCTTGTCCCAGAGCG
 GCTACCACCTGGACGAACCCATTTGGAGGGCAGAGCTGGCTCAACCCCTGTCCCTAACCCAGACCATC
 AAGAGTCTCTCAGGAGCTTGTGCGGCTCCAGTTTCTGTGGTTTCCAAGTAGCCAGGCCCGGTTCTC
 AGCCACCAGAACAGGGTGCAGGCCATGTCTGGAGGCCTGGGGCAGGGCACCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_175132
Insert Size:	2928 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:	<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_175132.4</u> , <u>NP_780341.1</u>
RefSeq Size:	4440 bp
RefSeq ORF:	2928 bp
Locus ID:	68760
UniProt ID:	<u>Q8BWB1</u>
Cytogenetics:	14 A3
Gene Summary:	Actin-associated protein that may play a role in modulating actin-based shape. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1. It encodes isoform 2, which is three amino acids shorter than isoform 1.