

Product datasheet for **SC305176**

SYNPO2L (NM_024875) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SYNPO2L (NM_024875) Human Untagged Clone
Tag:	Tag Free
Symbol:	SYNPO2L
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_024875, the custom clone sequence may differ by one or more nucleotides

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ATGGAGACCTTTGAGCCCATCAGCCAAGAGCCCCTCAGCCAAGCCAGCTATGACAAAGCC
CCAGACCCAGTTCCTGAGCTCCAAGACTCGTTCTATGCAGAACTGCAACGTGCAGAGAGC
CTCCAAGAGAAGAGCATAAAAGAGGCCAAGACCAAATGCAGGACAATTGCATCCCTGCTC
ACTGCAGCCCCCAACCCCACTCAAAGGGTACTTATGTTTAAAGAAACGGCGGCAGAGA
GCCAAGAAGTACACCCTGGTGAAGTTCGGGGCTGCTGCTGGGACAGGCGCTGAGGAGGAG
GACGGCGTTCCCCCACGAGTGAGTCCGAGCTGGACGAAGAAGCCTTCTCTGACGCCGC
AGCCTCACCAATCAATCTGACTGGGACAGTCCCTATCTGGACATGGAGCTTGCCAGGGCG
GGCTCAAGAGCATCAGAGGGCCAGGGCTCTGGGCTGGGAGGGCAGCTGAGTGAGGTCTCT
GGGCGAGGGTGCAGCTCTTGAACAGCAGCGCCAGCGCGCAGACTCCAGCACCCAGGAA
CTGGCACGGGTGCAACCAGCAGCCATGCTCAACGGGAAGGCCTGCAGTACCACCTCGG
GCCAGAGTGCTCCCCAGAGGCAGCTGTGCTCCACCCAGCCCCTTGCCGGCGCTGTA
GCCAGCCCAGACCTTCAACCAGGTGGTGGAGCCCCGACCCAGCTCCAAGCATCTTT
AACCGGTGAGCCAGGCCCTTACCCGGGCTACAAGGGCAGCGCCAATAACCACCTCG
GTATTTTCCGGCTTTAGCCCCAAAAGGGCGAACGACAGCCTGGGGGGCTCAGCCCC
GCCCCACCCCTTCTTGTCTTTCGAGGGGCCACCCCTCTGCCAGCTTCACTTCAAGG
GTTCCAGCCACGCGCCAGTCTCTGTTCCCCAGCACCCACGCTCCTCGGGCCCTGTG
ACAGCCACCAGTCCCTGTACATCCCAGCCCCTAGTCGGCCTGTACCCAGGTGGAGCT
CCAGAGCCCCCGCTCCTCTAGCGCAGCTGCCATGACCTCCACCGCTTCTATCTTCTTA
TCTGCGCTTTGCGACCTCTGCGCGCCAGAGGGCCTGCCAGGCCAGGGGTATCCTG
GAGCCCCCAGCGCTCGCGAGCAGCGCATCTCTGTGCCAGTGCCCGACGGGTATCCTG
CAGGAGCCCGGGCGCGGGGACCCGGAAGCAGATGTTCCGGCCGGAAAGGAGGAGACG
AAGAACTCGCCCAACCCGAGCTGCTATCGCTGGTACAGAACCTGGATGAAAAGCCTCGG
GCCGGGGTGCAGAATCTGGTCTGAAGAAGATGCTCTGAGCCTCGGGGTGAAGCTGC
AACTTCATGCAGCCAGTAGGGGCCAGGAGTTACAAGACCTGCCTCACGTGACACCTAAG
ACCCCCCTCCAATGGCTCCCAAGACCCCGCCCCCTATGACTCCTAAGACTCCACCCCA
GTGGCTCCTAAGCCCCATCTCGAGGGCTCCTTGATGGGCTCGTGAATGGGGCAGCTCT
TCGGCTGGAATCCCTGAGCCACCAAGGCTGCAGGGCAGGGGTGGGAGCTGTTTGCTAAG
CGGCAGAGCCGTGCGGACAGGTATGTGGTGAAGGTACACCTGGTCTGGTCTTGGCCCT
CGGCCTAGAAGTCTTCTCTACCCGTCTCTGCCCCCTCTCTGAAATATTCACCCAAC
ATCCGTGCCCCGCTCCTATTGCTTACAACCCACTGCTCTCTCCCTTTTCCCCCAGGG
GCCCAACTCTCCCTAAGGCCAATCCCAGGGGCTCGGGCAACACCCAAGCAGGGCATC
AAGGCTCTAGATTTTATGCGGCATCAGCCCTATCAACTTAAAAGTCCATGTTCTGTTTT
GATGAGGTTCCCCGACTCCTGGCCCTATCGCCTCAGGGTCCCCAAAAGTCCCGAGTC
CAGGAGATTCGCCGTTTTTCCACTCCGGCACCCAGCCACTGCAGAACCCTGGCTCCC
ACTGTGCTTGCCCCCGAGCAGCCACTACACTGGATGAGCCATCTGGAGAACAGAAGT
GCCTCAGCCCCGTTCTAGCCAGCCCCTCCTCAGAGGCTCCAGGGGCTTGGGGCT
TCTCCAGCTCCTGCGGTTTCCAGGTAGCCAGGCCCGATTTTCAGCCACCAGAACAGGA
TTGCAAGCTCATGTGTGGAGCCTGGGGCAGGGCACCAGTGA

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Restriction Sites: Please inquire

ACCN: NM_024875

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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_024875.2 , NP_079151.2
RefSeq Size:	3470 bp
RefSeq ORF:	2262 bp
Locus ID:	79933
UniProt ID:	Q9H987
Cytogenetics:	10q22.2
Gene Summary:	Actin-associated protein that may play a role in modulating actin-based shape. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) contains an alternate 5' terminal exon resulting in different 5' UTR and 5' coding regions, compared to variant 1. It encodes isoform b, which is shorter and has a distinct N-terminus, compared to isoform a.