

Product datasheet for **MC222477**

Synpo (NM_177340) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Synpo (NM_177340) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Synpo
Synonyms:	9030217H17Rik; 9130229N11; 9330140I15Rik; AW046661
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222477 representing NM_177340
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGGGTACTCAGAGGAAGCCAGTCTGCTGCGGCATCTGGAGAAGGTTGCCAGTGAGGAAGAGGAAG
 TGCCATTGGTAGTTTATTTAAAGGAGAATGCAGCCCTGCTGACAGCCAATGGGCTACACCTGTCGACAGAG
 CCGAGAGACCCAGCAGTCTCACAAACCTCCCGACACTGAAGTACCCAGTCCAGCTGCAGATATCAAC
 CAGAACCCTCCTCACCTAATGCCACACTACCACACTAGCCTCTAGCAGTACCACAGTCCAGCCACCG
 CTGATATCAACAAAACCTCCAGCCGCCATCACCCCTGTCCACAGAATTCATCCAGGCACAGTGCTC
 CCCGAATGGCACACTTGATTCAAAACCCGGCACTCTGTGTGCTGATGATGGGCAGTCCCGGTGCCGGCA
 GAGGAGGTGAGATCCAGCATTCTTTGATTGACAAGGTGTGAGTCCACCTTCTGCCGCCAGCACCTTCT
 CTAGAGAAGCCAGCCCTCTCCAGCTCTGGGCCGCCAGCGGCAGATCTCATGTCCAGCTCCCTGCTCAT
 TGACATGCAGCCTAGCACCTAGTGGCACCAGCAGAACAAGAGGTGCCTGGCCATGTAGCTGCACCAGC
 CCCACTAAGGTGTATAGTGAAGTACATCTCACACTAGCCAAGCCTGCATCCGTGGTCAACAGGACCGCCA
 GGCCTTTTGGGATCCAGTCGCCAGGGACCAGCCAGATAGAGCAAAGCCCCATGATGGGAAGACGACAGTT
 TGGAGAGAAGGCCTGGGCTCCTCCTGCTAGCAGTATGGCGGATAGGAGTCCCCAGCCACAGAGGCACATA
 ATGTCCCAGCTCCCATGGTGGAAAGGAGACTGCTTGGGCAGCGAAGCCCGGTCTAGAGAGACGCCCTT
 TAGGAAATTTACCCACCCCCACCTATGCGGAGACTTTGTCAACAGCCCTGTGGCTTCTCGGTTAG
 GTCTCCCCCTCTACTCCACTGTATCCAGCTCTGACCCAAAGCCTTCCATTTGAAAGGTGAGGTA
 GCCCTGCCAACAAAGACAGGAATTTTGAAGAATCTATGGCACGCCGAGGCAGCCGAAAATCAATGTTCA
 CTTTCGTGGAGAAGCCAAAGGTGACCCCGAATCCAGATTTGCTGGACCTAGTGACAGACAGCTGATGAGAA
 CGGGAGGCAGAGAGACCACGGGGAGGTGGGCATGGGAAGAAGAGCCCTTTGCCCTGGGAGCTGAGGCCTCC
 AACTTCCAGCAGGAGCCAATAGCTCGGGACAGGGCCAGCCCTGCGGCAGCTGAGGAAGCTGTCCCTGAGT
 GGGCCTCTTGCTCAAGTCAACCCGATCCAGGCCAAGCCGAAGCCAAACCCAATCAGAACCCTCTCGGA
 AGCCTCAGGGAAGGGGGCTGAGCTCTATGCCCGCCGCGCAGTACGGATGGAGAAATACGTCATAGAGTCT
 TCAGGCCATGCCGAATGGCCCGCTGCCCTTACCTACCATGTCCCTGCCTTATCCTGGAAGTACACCA
 CTAACGCCCTGGGGCTTCCGAGTGGCATCCTTAAGTCCAGCGCGGACCCCGCTGCCTCTCTACCA
 CGGCTATCTGCCAGAGAATGGAGTCTGCGCCCTGAACCTACCAAGCAGCAGCCATACCAGATGCGGCCCT
 TCCCTCTATGCTCTGTGCCCGTCAAGGAACCTGCCAAGCCCTCATCGCGTGCCACCTCATCGCGCACTC
 CATCACGCACTGTCTCACCTCGAGCTGCCTCCCGGCCAAGCCTAGCTCTCTGGACCTGGTGCCCAACCT
 GCCCAGAGCAGGCCTCCACCATCTCCTGCTCTGCCTCGGCCCTCCCGCTCCTCCCAGGCCTCTACACT
 GCCCCAGTCCAAGACAGCCTCCAGCCACTGCCGTGAGTCCCCTTACAGCAGTGATATCTCCCCGTGT
 CTCCCTCCAGGGCGTGGTCTCCTCGAGCCAAGCAGGCTCCAGGCCTTCTTCTCCACCCGGAAATGCTGG
 GATCGAGGCCAGGACCGCCGGAGAGCCTGCCACGTCCCGCCCTGGACGCCGGCCGCTTCCCGGCT
 CCTAGCAGCCTGGACGGCTGGGTGAGCCCGGGCCGTGGAGCCGGGCCGCGGGAGCAGCATGAGCAGCC
 CTCCGCGCTGCCGCGCTCCACCAATGTCCCCTCGTGGAGCGAGCGCTCCGTCTCCCGCTGCGATC
 GGAGCCGAGGCGCGCCCGGAGCCGCGCAGTGCAGGCGCTTCTGGCGCGCAACATCATCAACCGGGCC
 CGGCGCAAGAGCGCTCCCGCGGCCAGCGCCGCTGAGACCCTGCGGCCCTTTCCCGCCGAGGGGC
 CGCGCGCCGCGCGCGCATGCGCTCTCCGAGCCAGCCAGCCCTGCCCGTAACCTCCGTGGAGTGC
 TTTCTCTCCATCCCGCGGAGCCGTTGCCATCGGACCTTCTTCTGTGCTAGTCCCGGAGTCTCAA
 GCCGCGCGTCCAGGCCTTTTCCCTACCGCGCTCACCCACAGACTCCGACGTGTCTCTCGACTCCGAGG
 ATTCTGGGCTTAAGTCCCTGGCATCCTCGGCTACAACATCTGTCTCGGGGCTGGAATGGCAGCCTGAG
 GCTCAAGCGTGGTAGTCTCCCCACCGAGGCCTCTGCACCACC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
 ACCN: NM_177340

Insert Size:	2706 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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_177340.2 , NP_796314.2
RefSeq Size:	5012 bp
RefSeq ORF:	2706 bp
Locus ID:	104027
Cytogenetics:	18 D3