

Product datasheet for **SC324406**

MID1IP1 (NM_021242) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MID1IP1 (NM_021242) Human Untagged Clone
Tag:	Tag Free
Symbol:	MID1IP1
Synonyms:	G12-like; MIG12; S14R; STRAIT11499; THRSPL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_021242.3
 GGCTCACTCTGCAACCAAGGCACGTGCATTCCGGTCATCCCACGCGGGGAGCGCGCAA
 GGCCCCCAGCCCCACATGCCAGCCCCACCCTCCAGTCGGTCCGGACGCCGACGCCTT
 TTTGACCTCGCTGTGCCCGCCCTCCTCATCTGGCCTGCCAGGGCTTGGTGTGGCGG
 GGTCCAGCTGCTCCAATCCCTCCTCTGCTCTGCCCTGCCCTGCCCTGGCCTGCCCG
 GCGCCCTCCCTCAGCCCCGGTATCAGGCGAGAGGCGGAGCTGGCCCGCGCGCCCCGCC
 CCGCTGTAGAAAGGGCCGGCGAGTGTTACTCGCGGTCACTCCCGCCTGGGCCTTTTATC
 TCGGTGCTGCCGGGGAGGCGGGAGGAGACACCAGGGTGGCCCTGAGCGCCGCGA
 CACCTTTCCTGGACTATAAATTGAGCACCTGGGATGGGTAGGGGGCCAACGCAGTCAACC
 CCGTCCGAGTCACAGTCCAGCCACTGACCGCAGCAGCGCCCTTGCGTAGCAGCCGCTTG
 CAGCGAGAACTGAATTGCCAACGAGCAGGAGAGTCTCAAGGCGCAAGAGGAGGCCAGG
 GCTCGACCCACAGACACCCTCAGCCATCGCGAGTTTCCGGGCGCAAAGCCAGGAGAAG
 CCGCCATCCCGCAGGGCCGGTCTGCCAGCAGACGAGAGTTGGCAGGGCGGAGGAGTG
 CCGGGAATCCCGCACACCGGCTATAGCCAGGCCCCAGCGCGGGCCTTGAGAGCGCGT
 GAAGGCGGGCATCCCCTTGACCCGGCCGACCATCCCCGTGCCCTGCGTCCCTGCGCTCC
 AACGTCGCGCGGCCACCATGATGCAAATCTGCGACACCTACAACCAGAAAGCACTCGCTC
 TTTAACGCCATGAATCGCTTCATTGGCGCCGTGAACAACATGGACCAGACGGTGTGGTG
 CCCAGCTTGCTGCGCGACGTGCCCTGGCTGACCCCGGTTAGACAACGATGTTGGCGTG
 GAGGTAGGCGGCAGTGGCGGCTGCCTGGAGGAGCGCACGCCCCAGTCCCGACTCGGGA
 AGCGCCAATGGCAGCTTTTTCGCGCCCTCTCGGGACATGTACAGCCACTACGTGCTTCTC
 AAGTCCATCCGCAACGACATCGAGTGGGGGGTCTGCACCAGCCGCTCCACCGGCTGGG
 AGCGAGGAGGGCAGTGCCTGGAAGTCCAAGGACATCCTGGTGGACTGGGCCACTTGGAG
 GGTGCGGACGCCGCGAAGAAGACCTGGAACAGCAGTTCCTACTACCACCTGCGCGGGCTG
 CACACTGTGCTCTCGAAACTCACGCGCAAAGCCAACATCCTCACTAACAGATACAAGCAG
 GAGATCGGCTTCGGCAATTGGGGCCACTGAGGCGTGGCGCCGCTGGCTGCCAGCACCTT
 CTTGACCCATCTCACCTCTCTCATTCTCAAAGCTTTTTTTTTTTTTTCTGGCTGGGG
 GCGGGAAGGGCAGACTGCAAAGTGGGGGCTGCGTACGTGCAGGAGGCGCGGTGGGGCTG
 CGTGGAGGAGGGGCCACGTGTGAGAGAGAAGAAAATGGTGGCCGAGATGGGAGGGCCC
 AAGGAACCTCCTGGGAGGGGCTGCATTCTATGTTGGTGGGAATGGACTGGGCTGACG
 CCCTGCATTGAGCTGTGCTTTCTGGGGTTCTTTTCTGTTCTTTTTCGGAGGAGAGGG
 CCCGAGAAGGGCCATACCAGGGCGCGGCTGGGTTGCCACACTTGGGAAAGCAGCCCC
 GAGCTGGGTGCTGGGAAAGGCGGGCGCTAGCCTCCCGCCGCTGCGGTTGGGCGGT
 GGAGGCCAGGCGTTGCTAGGATTGCATCAGTTTTCTGTTTGCCTATTTCTTTTGT
 ACATTGGCCCTGTGTGAAGTATTTCAATCTCCTCCTTGTCTGAAACTCAGCGATTCC
 ATGTGATAAGCGCACAACAGCACTGTCTGTCGGTAATCGGTACTACTTTATTAATGAT
 TTTCTGTACTACTGTATAGTAGTCTATGGCACCCCCACCCATCCCTTTCGTGCCACTC
 CCGTCCCCACCCACCCAGTGTGATAAGCTGGCATTTCGCCAGCTTGTACGTAGCTT
 GCCACTCAGTAAAATAAATAACATTATTATGAGAAAAGTGGACTTAACCGAAATGGAACCA
 ACTGACATTCTATCGTGTGTACATAGAATGATGAAGGGTCCACTGTTGTTGTATGTCT
 TAAATTTATTTAAAACCTTTTTTAAATCCAGATGTAGACTATATTCTAAAAATAAAAAAG
 CAAATGTGTCACTAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_021242

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_021242.3 , NP_067065.1
RefSeq Size:	2372 bp
RefSeq ORF:	552 bp
Locus ID:	58526
UniProt ID:	Q9NPA3
Cytogenetics:	Xp11.4
Gene Summary:	<p>Plays a role in the regulation of lipogenesis in liver. Up-regulates ACACA enzyme activity. Required for efficient lipid biosynthesis, including triacylglycerol, diacylglycerol and phospholipid. Involved in stabilization of microtubules (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, and 3 encode the same protein.</p>