

Product datasheet for **MC210679**

Mid1ip1 (NM_001166635) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mid1ip1 (NM_001166635) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mid1ip1
Synonyms: 3110038L01Rik; Mig12; S14R
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210679 representing NM_001166635
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGCAAATCTGCGACACATATAACCCAGAAGCACTCGCTCTTTAACGCCATGAATCGCTTCATTGGCG
CGGTGAACAACATGGACCAGACGGTGATGGTGCCAGTCTGCTGCGCGACGTACCCCTGTCCGAGCCGGA
GATAGACGAGGTCAGCGTGGAGGTAGGCGGCAGTGGCGGCTGCCTGGAGGAGCGCACGCCCGGCCCA
AGCCCGGGCAGCGCAATGAAAGCTTTTTCGCGCCCTCCCGGGACATGTACAGCCACTACGTGCTGCTCA
AGTCCATCCGCAATGATATCGAGTGGGGAGTCTGCACCAGCCTTCGTCTCCGCCGGCCGGGAGCGAGGA
GAGCACCTGGAAGCCCAAGGACATCCTGGTGGGCTGAGTCACTTGGAGAGCGCGGATGCGGGCGAGGAA
GATCTGGAGCAGCAGTTCCACTACCACCTGCGCGGGCTGCACACCGTGTCTCCAAACTACCCGAAAAG
CCAACATCCTCACC AATAGATACAAGCAGGAGATCGGCTTCAGTAATTGGGGCCACT**GA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001166635
Insert Size: 549 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).



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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_001166635.1, NP_001160107.1</u>
RefSeq Size:	2059 bp
RefSeq ORF:	549 bp
Locus ID:	68041
UniProt ID:	<u>Q9CQ20</u>
Cytogenetics:	X A1.1
Gene Summary:	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.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.