

Product datasheet for **SC316339**

MID1IP1 (NM_001098790) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MID1IP1 (NM_001098790) Human Untagged Clone
Tag: Tag Free
Symbol: MID1IP1
Synonyms: G12-like; MIG12; S14R; STRAIT11499; THRSPL
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC316339 representing NM_001098790.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

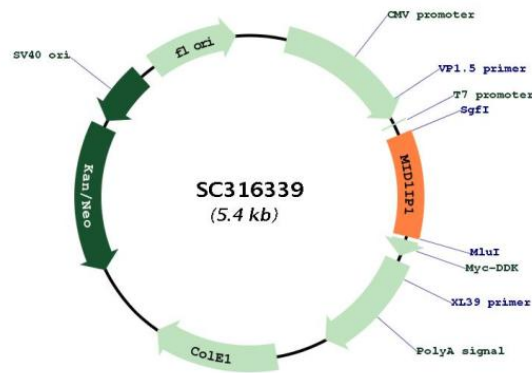
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GTCGTTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATGCAAATCTGCGACACCTACAACCAGAAGCACTCGTCTTTAACGCCATGAATCGCTTCATTGGC
GCCGTGAACAACATGGACCAGACGGTGATGGTGCCAGCTTGCTGCGCGACGTGCCCTGGCTGACCCC
GGGTTAGACAACGATGTTGGCGTGGAGGTAGGCGGCAGTGGCGGCTGCCTGGAGGAGCGCACGCCCCA
GTCCCGACTCGGAAGCGCCAATGGCAGCTTTTTCGCGCCCTCTCGGGACATGTACAGCCACTACGTG
CTTCTCAAGTCCATCCGCAACGACATCGAGTGGGGGTCTGCACCAGCCGCTCCACCGGCTGGGAGC
GAGGAGGGCAGTGCCTGGAAGTCCAAGGACATCCTGGTGGACCTGGGCCACTTGGAGGGTGGGACGCC
GGCGAAGAAGACCTGGAACAGCAGTTCCACTACCACCTGCGCGGGCTGCACACTGTGCTCTCGAAACTC
ACGCGCAAAGCCAACATCTCACTAACAGATACAAGCAGGAGATCGGCTTCGGCAATTGGGGCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_001098790

Insert Size: 552 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).

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:

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_001098790.1</u>
RefSeq Size:	2020 bp
RefSeq ORF:	552 bp
Locus ID:	58526
UniProt ID:	<u>Q9NPA3</u>
Cytogenetics:	Xp11.4
MW:	20.2 kDa
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 (2) uses an alternate splice site in the 5' UTR, compared to variant 1. Variants 1, 2, and 3 encode the same protein.</p>