

## Product datasheet for **SC110211**

### MID2 (NM\_052817) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MID2 (NM_052817) Human Untagged Clone
Tag:	Tag Free
Symbol:	MID2
Synonyms:	FXY2; MRX101; RNF60; TRIM1
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



[View online »](#)

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_052817, the custom clone sequence may differ by one or more nucleotides

```
ATGGGTGAAAGCCCAGCCTCCGTGGTTCTTAATGCCTCAGGAGGACTATTTTCACTAAGATGGAAACAC
TGGAGTCTGAATTGACCTGTCCAATCTGCCTAGAGTTGTTTGAAGACCCCTTCTGCTCCCTTGTGCTCA
CAGCCTCTGCTTCAGCTGTGCCATCGCATTTTGGTATCAAGCTGCAGCTCTGGTGAATCCATTGAACCC
ATTACTGCTTTCCAGTGTCTACCTGCAGGTATGTTATCTCGCTGAACCACCGGGCCTGGATGGCCTCA
AGAGGAATGTGACTCTGCAGAACATTATTGATCGCTTCCAGAAGGCTTCAGTCAGTGGGCCCAATCCCC
TAGTGAGAGCCGCGGGAAAGGACTTACAGGCCACCCTGCCATGTCTAGCGAGCGAATTGCTTGCCAA
TTCTGTGAGCAGGACCCGCAAGGGATGCAGTAAAAACATGCATCACCTGTGAGGTCTCCTACTGTGACC
GTTGCCTCGGGCCACGCACCCCAACAAGAACCTTTACCAGCCACCGCTGGTGAACCAGTCCAGACA
CACACATCTTCGAGGGATCACCTGCCTGGACCATGAGAATGAGAAAGTGAACATGACTGTGTATCTGAT
GACCAATTGATCTGTGCCTTATGCAAATGGTGGGTCGTACCGAGACCATCAGGTGCGATCCCTGAATG
ATCGATTTGAGAACTCAAGCAAATCTGGAGATGAACCTCACCAACCTGGTTAAGCGCAACAGCGAACT
AGAAAATCAAATGGCCAACTAATACAGATCTGCCAGCAGGTTGAGGTGAATACTGCTATGCATGAGGCA
AACTTATGGAAGAATGTGACGAGTTGGTAGAGATCATCCAGCAGAGGAAGCAAAATGATCGCTGTAAAA
TCAAAGAGACAAAGTTATGAACTGAGAAAGTTGGCACAGCAGGTTGCTAATTGCCGCCAGTGTCTTGA
ACGGTCAACAGTCTCATCAACCAAGCTGAGCATATCCTGAAAGAAAATGACCAGGCACGGTTTCTACAG
TCTGCAAAAAATATTGCTGAGAGGGTCGCTATGGCAACTGCATCTTCTCAAGTTCTGATTCCAGACATCA
ATTTTAAATGATGCCTTTGAAAACCTTGTCTTAGATTTTCCAGAGAAAAGAACTGCTAGAGGGGTTAGA
TTATTTAACAGCCCCAAACCCACCATCTATCCGAGAAGAACTCTGTACTGCCTCCCATGACACCATTACA
GTCCACTGGATCTCGGATGATGAGTTCAGCATCAGCTCCTATGAGCTTCAGTACACCATATTCAGTGGCC
AGGCTAATTCATCAGCCTGTATAATTCAGTAGACAGCTGGATGATTGTTCCCAACATTAACAGAACCA
TTACACAGTGCATGGACTCCAGAGCGGGACTCGCTACATCTTCATCGTTAAAGCCATAAACCAAGCCGGC
AGCCGGAACAGTGAACCTACCCGACTAAAAACAACAGCCAACCTTTAAATTGGATCCCAAAATGACTC
ACAAGAAGTTGAAGATCTCCAATGATGGATTGCAGATGGAGAAGGATGAAAGCTCTCTAAAGAAGAGCCA
CACCCAGAGAGGTTTAGTGGCACAGGGTGTATGGGGCAGCAGGAAATATATTCATTGACAGTGGCTGC
CACTATTGGGAGGTGGTCATGGGTTCTCAACATGGTATGCAATTGGCATTGCCTACAAATCAGCTCCAA
AGAATGAATGGATTGGCAAGAATGCCTCCTCATGGGTCTTCTCTCGCTGCAATAGTAACTTCGTGGTGAG
ACACAACAACAAGGAAATGCTGGTGGATGTGCCCCACACCTGAAGCGTCTGGGTGTCCTCTGGATTAT
GACAACAATATGCTGTCTTTCTATGACCCAGCTAACTCTCTCCATCTTCATACTTTTGATGTGACCTTCA
TTCTTCCAGTTTGTCCAACATTTACAATCTGGAACAAATCCCTAATGATCCTGTCTGGCTTGCCTGCCCC
AGATTTTATTGATTACCCTGAGCGGCAGGAATGCAACTGCAGGCCTCAAGAATCCCTTATGTTTCTGGG
ATGAAAACCTGTCATTAA
```

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_052817 unedited</p> <pre> TTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTTTCTCCGGTCACT CCTGGCCAGGGGAGAAGACATGTAACGTGCTCCAGAGGAAGGGCTGGGGGAGCTGGGA GTGGCGGGGGCGGCGAAGGTGAGCCTGGGAAGGTGGCCGAGCACCCCTTCTTCTGGGC CCTTCCCAGTGTCCCTTGGGGTGTGAGCCCCAGCCCCGTTTCCCCCACTCCGCCTCCC TTTTGGAAGGGATTGCCTTTTTTTTCTCTGCGGCGGCGAAATGACAGTGTGGTGTGC CGTGGTGCATGGTGTGCCCTGGACTGAGGGGCGAAAACCTTAAGTTTAGCTCGGGA GGCCAGCTGCGGTAGCATCGCGGCCCGCTGCTGTCCCCTGCGGGGCGCGGGCTGGC GGATCCCAGCTGTGCGGCGTGTGCGGACGGTAGCGGCAGCGGCGCGAAGCGGGCGG CGGCCTACAGTGGTAGCGGCGGCGGCGGACCGGGGCCGGGAGCTCGCGCCGGAGCCC GAGCCAACCCGCTGCGGAGGCAGACGAGAGCCCAGCGCCCTCGAGCGAGCGGAGGAGATG GCTGGCACCTGGGAACGCTATGGGTGAAAGCCACCTCCGTGGTCTTAATGCCTCAGGA GGACTATTTTCACTAAAGATGGAACACTGGAGTCTGAATTGACCTGTCCAATCTGGCCT AGAGTTGTTTGAAGACCCCTTCTGCTCCCTTGTGCTCACAGCCTCTGCTCAGCTGTGCC ATCGNNATTTTGGTATCAAGCTGCAGCTCTGGTGAATCCATTGAACCCATTACTGCTTTC CAGTGTCTACTGGGAGAGTATGTATCTGCTGACCACCGNNCCCTGNATGGCCTCAA GAGAATGTGACTCTGACACNATTATTGATCGCTTCCAGAGGCTCN </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_052817 unedited</p> <pre> CCGCGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGGATGCTCAAACAACT TTATTTTGTGTCTCGTATATTGAACGCTAACTTAGGTGTAGGAGGGGAAGAAGTCTGAA CTAGAGAGCCAGTGAATTATATACTCTCCTGAACTTAATGACAGTTTTTCATCCAGAA ACATAAGGGGATTCTTGAGGCCTGCAGTTGCATTCCTGCCGCTCAGGGTAAATCAATAAA TCTGGGGCAGGAAGCCAGACAGGATCATTAGGGATTTGTTCCAGATTGTAATGTTGGA CAAACCTGGAAGAATGAAGGTACATCAAAGTATGAAGATGGAGAGAGTTAGCTGGGTCA TAGAAAGACAGCATATTGTTGTCTAATCCAGGAGGACACCCAGACGCTCAGGTGTGGG GGCACATCCACCAGCATTTCTTGTGTGTGTCTCACACGAAGTACTATTGCAGCGA GAGAAGACCCATGAGGAGCATTCTTGCCAATCCATTCATTCTTTGGAGCTGATTTGTAG GCAATGCCAATTGCATACCATGTTGAGGAACCCATGACCACCTCCCAATAGTGGCAGCCA CTGTCAATGAATATATTTCTGCTGCCCCATAGCACCTGTGCCACTAAACCTCTCTGGG GTGTGGCTCTTCTTTAGAGAGCTTTCATCCTTCTCCATCTGCAATCCATCATTGGAGATC TTCAACTTCTTGTGAGTATTCTGGGATCCAATTTAAAGGGTCTGCTGTTTGTGTTTTAGT CCGGTAGGCTCACTGTTCCCGCTGCCCGCTTGGTNNATGGCCTTACGATGAAGATGTAC CGAGTCCCCCTCTGGAGCCATGCCCTGNGAATGGNTCTGNNTAATGTTGGAACATCATCC CACTGTCTACTGGATATACAGCTGATGAAGTACCCTGCCA </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_052817
<b>Insert Size:</b>	4150 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_052817.1</a> , <a href="#">NP_438112.1</a>
<b>RefSeq Size:</b>	7255 bp
<b>RefSeq ORF:</b>	2058 bp
<b>Locus ID:</b>	11043
<b>UniProt ID:</b>	<a href="#">Q9UJV3</a>
<b>Cytogenetics:</b>	Xq22.3
<b>Domains:</b>	zf-B_box, RING, BBC, SPRY, FN3
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to microtubular structures in the cytoplasm. Alternate splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq, Feb 2009]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the coding region, compared to variant 1. It encodes isoform 2 which is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>