

## Product datasheet for **MC220427**

### Mid2 (NM\_011845) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Mid2 (NM_011845) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mid2
Synonyms:	FXY2; Trim1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220427 representing NM\_011845  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAACACTGGAGTCAGAATTGACCTGTCCAATCTGCCTCGAGTTGTTTGAAGACCCCTTCTGCTTC  
 CTTGTGCTCACAGCCTATGTTTTAGCTGTGCCACCGCATCTTGGTCTCAAGCTGCAGCTCTGGTGAATC  
 CATTGAACCCATTACTGCTTCCAGTGTCTACATGCAGGTATGTTATCTCGCTGAATCACCGGGGCTG  
 GATGGCCTCAAGAGGAATGTGACCCTGCAGAACATTATTGATCGCTTCCAGAAGGCTTCAGTCAGTGGC  
 CCAATTCTCCAAGTGAGAGCCGCCGGGAGAGGACTTACAGGCCTAGCTCCGCCATGTCGAGTGAGAGAAT  
 TGCATGTCAATTCTGTGAGCAGGACCCTCCGAGAGATGCTGTAAGACGTGCATCACCTGTGAGGTCTCC  
 TACTGTGACCGTTGCCTTCGGGCCACACCCCCAACAAGAAACCTTTACCAGCCATCGCTGGTGAAC  
 CAGTTTCAGACACACATCTTCGAGGGATTACCTGCCTGGACCACGAGAATGAGAAGTGAACATGTACTG  
 TGTATCTGATGATCAATTGATCTGTGCCTTATGCAAACCTGGTGGTTCGTCACCGAGACCATCAGGTCGT  
 TCTCTGAATGATCGATTTGAGAACTAAAGCAAACCTCTCGAGATGAACCTACCAACCTGGTTAAGCGCA  
 ACAGTGAAGTAAAAATCAAATGGCCAACTAATACAGATCTGCCAGCAAGTTGAGGTGAATACTGCTAT  
 GCATGAGGCAAACTTATGGAAGAATGTGACGAGTTGGTAGAGATCATCCAGCAGAGGAAACAAATGATT  
 GCTGTCAAATCAAAGAGACAAAGGTTATGAACTGAGAAAGTTGGCACAGCAGGTTGCTAATTGCCGCC  
 AGTGTCTTGAGCGGTCAACAGTCTCATCAACCAAGCTGAGCATATCCTAAAGGAAAAAGACCAAGCAGC  
 GTTTCTGCAGTCTGCAAAAAACATTGCCGAGAGGGTCGCTATGGCAACTGCATCTTCGCAAGTTCTGATT  
 CCAGACATCAATTTTAAATGATGCCTTTGAAAACCTTGTCTTAGATTTTCTAGAGAAAAGAACTATTGG  
 AGGGGTAGACTATTTAACAGCTCCAAACCCACCATCTATCCGAGAAGAGCTCTGTACTGCTTCCCATGA  
 CACCATTACAGTCCACTGGATCTCAGACGACGAATTCAGCATCAGCTCCTATGAGCTTCAGTACACCATA  
 TTCACTGGCCAGGCTAATTCATCAGCCTGTACAATTCAGTGGATAGCTGGATGATTGTGCCAACATTA  
 AGCAGAACCATTACAGTTCATGGACTCCAGAGTGGGACACGCTACATCTTTATCGTGAAGCCATAAA  
 TCAAGCAGGCAGCCGGAACAGCGAACCCACCAGACTAAAAACGAACAGCCAACCATTTAACTAGATCCC  
 AAAATGACTCACAAGAAGTTGAAGATCTCCAATGATGGATTGCAGATGGAGAAGGATGAGAGCTCTGA  
 AGAAGAGCCACTCCGGAGAGATTTAGTGGCACAGGGTGTATGGGGCAGCAGGAAATATATTCATCGA  
 CAGTGGCTGCCACTACTGGAGGTGTCATGGGTTCTTCAACATGGTATGCTATTGGTATTGCCTACAAA  
 TCAGCTCAAAGAATGAGTGGATTGGCAAGAATGCCTTCTCTGGTCTTCTCTCGATGCAACAGTAACT  
 TCGTGGTTCGGCACAACAACAAGGAAATGCTGGTGGATGTGCCCCACAGTTGAAGCGTCTAGGTGTCT  
 TCTGGATTATGACAACAACATGCTGTCTTTCTATGACCCAGCTAACTCTCTCCATCTTCATACTTTTGT  
 GTTACCTTCATTCTCCAGTTTGTCCAACATTCACAATCTGGAACAAATCCCTAATGATTCTTTCTGGCT  
 TGCTGCCCTGATTTTATTGATTATCCTGAGCGGCAGGAATGCAACTGCAGGCCAAGAATCCCTTA  
 TGTGTCAGGGATGAAAGCTTGCCAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_011845

**Insert Size:** 2058 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).

<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>	<u><a href="#">NM_011845.2</a></u> , <u><a href="#">NP_035975.1</a></u>
<b>RefSeq Size:</b>	5916 bp
<b>RefSeq ORF:</b>	2058 bp
<b>Locus ID:</b>	23947
<b>UniProt ID:</b>	<u><a href="#">Q9QUS6</a></u>
<b>Cytogenetics:</b>	X 61.35 cM
<b>Gene Summary:</b>	May play a role in microtubule stabilization.[UniProtKB/Swiss-Prot Function]