

## Product datasheet for **MC217722**

### Mid1 (BC053704) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Mid1 (BC053704) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mid1
Synonyms:	Fxy, 61B3-R, Trim18, MGC60591
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >BC053704  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGAACACTGGAGTCGGAGTGACCTGTCTATTTGTCTGGAGCTTTTGGAGACCCTCTCTGCTTC  
CCTGCGCACATAGCCTCTGCTTCAACTGTGCCACC GAATCCTGGTCTCTCACTGTGCCACCAACGAGCC  
TGTGGAGTCCATCAACGCCTTCCAGTGCCCCACCTGCCGGCATGTCATCACGCCAGCCAGCGAGGTCTA  
GACGGGCTCAAGCGCAACGTCACCCCTCCAAAACATTATTGACAGATTTACAGAAAGCATCTGTGAGCGGGC  
CCAACCTCTCCAGTGAGACCCGAGGGAACGGGCTTTGACGCCGACACCATGTCCTCTGCCGAGAAGGT  
TCTCTGCCAGTTCTGTGACCAGGATCCTGCCAGGATGCTGTGAAGACTTGCGTTACTTGTGAAGTGTCC  
TACTGTGATGAGTGCCTGAAAGCCACTCATCCGAACAAGAAGCCCTTTACAGGCCATCGTCTGATTGAGC  
CAATCCCGGACTCGACATCCGGGGCTGATGTGCCTGGAGCACGAGGATGAGAAGCAAACTTGGAGAG  
TAATCTCACCAATCTTATTAAGAGAAAACAGAACTGGAGACTCTTTGGCTAAACTCATCAAACCTTGT  
CAACATGTTGAAGTCAATGCATCCCGTCAAGAAGCCAACTGACAGAAGAATGTGATCTTCTCATTGAAA  
TCATTCAGCAACGAAGACAAATTATTGGAACAAAGATTAAAGAAGGCAAGGTGATCAGGCTCCGCAAGT  
AGCTCAGCAGATTGCAAACGTGAAAACAGTGCTTGGAGAGTCTGCATCGCTCATCTCGCAAGCGGAGCAC  
TCGCTGAAGGAAAATGACCACGCCGTTTTCTACAGACAGCAAAGAATATCACTGAGAGAGTCTCCATGG  
CAACTGCATCCTCCAGGTCCTAATCCCGAAATCAACCTCAATGACACGTTTGACACTTTTGCCTTGA  
TTTTTCCCGGGAGAAGAACTGCTAGAATGTCTGGATTACCTAACAGCTCCCAACCCTCCCGGATTAGA  
GAAGAGCTCTGCACCGCTTCTACGACACCATCACCGTCCACTGGACCTCAGAGGACGAGTTCAGCGTGG  
TCTCTACGAGCTCCAGTACACCATATTCACCGGACAAGCCAATGTTGTCAGTCTGTGTAACCTCGGCGGA  
CAGCTGGATGATCGTGCCCAACATCAAGCAGAACCCTACACCGTGTACGGCTGCAAAGTGGCACCACAA  
TATATCTTACGGTGAAGGCCATCAACCAGCGGGCAGCCGTAGCAGCGAGCCCGAAAGCTGAAGACCA  
ACAGTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC053704

Insert Size: 1338 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).

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>BC053704</u> , <u>AAH53704</u>
RefSeq Size:	3457 bp
RefSeq ORF:	1337 bp
Locus ID:	17318
Cytogenetics:	X 79.19 cM
Gene Summary:	Has E3 ubiquitin ligase activity towards IGBP1, promoting its monoubiquitination, which results in deprotection of the catalytic subunit of protein phosphatase PP2A, and its subsequent degradation by polyubiquitination.[UniProtKB/Swiss-Prot Function]