

Product datasheet for **RN217152**

Mid2 (NM_001191889) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mid2 (NM_001191889) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mid2
Synonyms:	RGD1565674
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217152 representing NM_001191889
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTGAGAGCCAGCCTCTGCGGTTCTTAATGCCTCAGCAGGATTATTTTCACTAAAGATGGAACAC
 TGGAGTCTGAATTGACCTGTCCAATCTGCCTCGAGTTGTTTGAAGACCCCTTCTGCTCCCTTGCTCA
 CAGCCTATGTTTTAGCTGTGCTCACCGCATCTGGTCTCAAGCTGCAGCTCCGGTGAATCCATTGAACCC
 ATTACTGCTTTTTCAGTGTCTACATGCAGGTATGTTATCTCGCTGAATCACCGGGGCTGGATGGCCTCA
 AGAGGAATGTGACCCTGCAGAACATTATTGATCGCTTCCAGAAGGCTTCAGTCAGTGGGCCAAATCTCC
 AAGTGAGAGCCGTCGGGAGAGGACTTACAGGCCTGGTCCGCCATGTCGAGTGAGCGAATTGCATGTCAG
 TTCTGTGAGCAGGACCCTCCGAGAGATGCTGTAAGACATGCATCACCTGTGAGGTCTCCTACTGTGACC
 GGTGCCTTCGGGCCACACACCCCAACAAGAAACCTTTACGAGCCATCGCTGGTGAACAGTTTCAGA
 CACACATCTTCGAGGGATTACCTGTCTGGACCATGAGAATGAGAAGGTGAACATGTACTGTATCTGAT
 GACCAATTGATCTGTGCCTTATGCAAACCTGGTGGGTCGTACCGAGACCATCAGGTGCTTCTCTGAATG
 ATCGATTTGAGAACTAAAGCAAACCTCTCGAGATGAACCTCACCAACCTGGTAAAGCGCAACAGCGAACT
 AGAAAAATAATGGCCAAACTAATACAGATCTGCCAGCAAGTTGAGGTGAATACTGCTATGCACGAGGCA
 AAATTTATGGAAGAGTGTGACGAGCTGGTAGAGATCATCCAGCAGAGGAAACAAATGATTGCCGTCAAAA
 TCAAAGAGACAAAGGTTATGAACTGAGAAAGTTGGCCACGAGGTTGCTAATTGCCGCCAGTGTCTTGA
 ACGGTCAACAGTCTCATCAACCAGGCTGAGCATATCCTAAAGGAAAACGACCAAGCTCGCTTCTCGAG
 TCTGCAAAAAATATTGCCGAGAGGGTCTGCTATGGCAACTGCATCTTCGCAAGTTCTGATCCAGACATCA
 ATTTTAAATGATGCCTTTGAAAACCTTGTCTTAGATTTTTCTAGAGAAAAGAACTATTGGAGGGGTAGA
 CTATTTAACAGCTCCAAACCCACCATCTATCCGAGAAGAACTCTGTACTGCTTCCCATGACACCATTACG
 GTCCACTGGATCTCAGACGACGAGTTCAGCATCAGCTCCTATGAGCTTCACTACCCATATTCACTGGCC
 AGGCTAACTTCATCAGTAAGTCATGGTGTAGTTGGGGCCTGTGGCCAGAGATAAGGAAATGTAAGGAAGC
 AGTAAGCTGCTCAAGACTGGCCGGTGGCCACGAGGCCTGTACAATTCAGTGGACAGCTGGATGATTGTG
 CCCAACATTAAGCAGAACCATTACACAGTCCATGGACTCCAGAGTGGGACAGCTACATCTTTATTGTGA
 AAGCCATAAATCAAGCAGGCAGCCGGAACAGTGAACCCACCAGGCTAAAAACAAACAGCCAACCATTTAA
 ACTAGATCCCAAATGACTCACAAGAAGTTGAAGATCTCCAATGATGGATTGCAGATGGAGAAGGACGAG
 AGCTCTCTGAAGAAGAGCCACACTCCGGAGAGATTTAGTGGCACGGGGTGTATGGGCAGCAGGAAATA
 TATTCATTGACAGTGGCTGCCACTACTGGGAGGTGGTCATGGGTTCTTCAACATGGTATGCAATCGGTAT
 TGCCATACAAATCAGTCCAAAGAACGAGTGGATTGGCAAGAATGCCTCTTCTGGGTCTTCTCTCGATGC
 AACAGTCACTTCGTGGTGGCAGATAACAACAAGGAAATGCTGGTGGATGTGCCCCACAGTTGAAGCGTC
 TAGGCGTCCTCTTGATTATGACAACAACATGCTGTCTTCTATGACCCAGCTAACTCTCTCCATCTTCA
 TACTTTTGATGTTACCTTCACTTCCAGTTTGTCCAACATTCACAATCTGGAACAAATCCCTAATGATC
 CTGTCTGGCTTGCTGCCAGATTTTATTGATTATCCTGAGCGGCAGGAATGCAACTGCAGGCCTCAAG
 AATCCCGTATGTGTCGGGGATGAAAGCTTGTCAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001191889
Insert Size: 2208 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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001191889.1</u> , <u>NP_001178818.1</u>
RefSeq Size:	2631 bp
RefSeq ORF:	2208 bp
Locus ID:	363502
Cytogenetics:	Xq33