

Product datasheet for **SC322490**

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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322490
 GCCTCAGGAGGACTATTTTCACTAAAGATGAAACACTGGAGTCTGAATTGACCTGTCCA
 ATCTGCCTAGAGTTGTTTGAAGACCCCCTTCTGCTCCCTTGTGCTCACAGCCTCTGCTTC
 AGCTGTGCCCATCGCATTTTGGTATCAAGCTGCAGCTCTGGTGAATCCATTGAACCCATT
 ACTGCTTCCAGTGTCTACCTGCAGGTATGTTATCTCGCTGAACCACCGGGCCTGGAT
 GGCCTCAAGAGGAATGTGACTCTGCAGAACATTATTGATCGCTTCCAGAAGGCTTCAGTC
 AGTGGGCCCAATTCCCCTAGTGAGAGCCGCCGGAAAGGACTTACAGGCCACCCTGCC
 ATGTCTAGCGAGCGAATTGCTTGCCAATTCTGTGAGCAGGACCCGCCAAGGGATGCAGTA
 AAAACATGCATCACCTGTGAGGTCTCTACTGTGACCGTTGCCTGCGGGCCACGCACCCC
 AACAAAGAACCTTTCACCAGCCACCGCCTGGTGGAAACAGTGCCAGACACACATCTTCGA
 GGGATCACCTGCCTGGACCATGAGAATGAGAAAGTGAACATGACTGTGTATCTGATGAC
 CAATTGATCTGTGCCTTATGCAAACCTGGTGGTCTGACCCGAGACCATCAGGTGCGATCC
 CTGAATGATCGATTTGAGAACTCAAGCAAACCTCTGGAGATGAACCTCACCAACCTGGTT
 AAGCGCAACAGCGAACTAGAAAATCAAATGGCCAAACTAATACAGATCTGCCAGCAGTT
 GAGGTGAATACTGCTATGCATGAGGCAAACTTATGGAAGAATGTGACGATTTGGTAGAG
 ATCATCCAGCAGAGGAAGCAAATGATCGCTGTCAAATCAAAGAGACAAAGGTTATGAAA
 CTGAGAAAAGTTGGCACAGCAGGTTGCTAATTGCCGCCAGTGTCTTGAACGGTCAACAGTC
 CTCATCAACCAAGCTGAGCATATCCTGAAAGAAAATGACCAGGCACGGTTTCTACAGTCT
 GCAAAAAATATTGCTGAGAGGGTCTGATGGCAACTGCATCTTCTCAAGTTCTGATTCCA
 GACATCAATTTTAAATGATGCCTTTGAAAACCTTGTCTTAGATTTTCCAGAGAAAAGAAA
 CTGCTAGAGGGGTTAGATTATTTAACAGCCCCAACCCACCATCTATCCGAGAAGAACTC
 TGTACTGCCTCCCATGACACCATTACAGTCCACTGGATCTCGGATGATGAGTTCAGCATC
 AGCTCCTATGAGCTTTCAGTACACCATATTCAGTGGCCAGGCTAACTTTCATCAGCCTGTAT
 AATTCAGTAGACAGCTGGATGATTGTTCCCAACATTAACAGAAACCATTACACAGTGCAT
 GGACTCCAGAGCGGGACTCGCTACATCTTCATCGTTAAAGCCATAAACCAAGCCGCGCAGC
 CGGAACAGTGAACCTACCCGACTAAAAACAACAGCCAACCCCTTAAATTGGATCCCAAA
 ATGACTCACAAGAAGTTGAAGATCTCCAATGATGGATTGCAGATGGAGAAGGATGAAAGC
 TCTCTAAAGAAGAGCCACACCCAGAGAGGTTTGTGGCACAGGGTGTCTATGGGGCAGCA
 GGAATATATTTCATTGACAGTGGCTGCCACTATTGGGAGGTGGTCATGGGTTCTCAACA
 TGGTATGCAATTGGCATTGCCTACAAATCAGCTCAAAGAATGAATGGATTGGCAAGAAT
 GCCTCCTCATGGGTCTTCTCTCGCTGCAATAGTAACTTCGTGGTGAGACACAACAACAAG
 GAAATGCTGGTGGATGTGCCCCACACCTGAAGCGTCTGGGTGTCTCCTGGATTATGAC
 AACAATATGCTGTCTTCTATGACCCAGCTAACTCTCCATCTTCATACTTTTGTATGTG
 ACCTTCATTCTTCCAGTTTGTCCAACATTTACAATCTGGAACAAATCCCTAATGATCCTG
 TCTGGCTTGCCTGCCAGATTTTATTGATTACCCTGAGCGGCAGGAATGCAACTGCAGG
 CCTCAAGAATCCCCTTATGTTTCTGGGATGAAAACCTGTCATTAAGTTTTCAGGAGAGTAT
 ATAATTCAGTGGCTCTAGTTCAGCAGTCTTCCCCTCTACACCTAAGTTAGCGTTCA
 ATATACGAGACACAAAATAAAGTTTGTGTTGAAGCATCCAAAATAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_052817

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:	<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_052817.1</u> , <u>NP_438112.1</u>
RefSeq Size:	7255 bp
RefSeq ORF:	2058 bp
Locus ID:	11043
UniProt ID:	<u>Q9UJV3</u>
Cytogenetics:	Xq22.3
Domains:	zf-B_box, RING, BBC, SPRY, FN3
Protein Families:	Druggable Genome
Gene Summary:	<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>