

Product datasheet for **SC105498**

MAMDC2 (BC016383) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAMDC2 (BC016383) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAMDC2
Synonyms:	MAM domain containing 1; MAM domain containing 2; MGC21981; OTTHUMP00000021440
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for BC016383, the custom clone sequence may differ by one or more nucleotides

```
ATGCTGTTAAGGGCGTCTCTGGCGTTGCAAGCCCTGCAGCTCGCCGGTGCCCTCGACCTGCCCGCTG
GGTCCTGTGCCTTTGAAGAGAGCACTTGGCGCTTTGACTCCGTGTTGGCCTCTCTGCCGTGGATTTAAA
TGAGGAAGGCCATTACATTTATGTGGATACCTCCTTTGGCAAGCAGGGGGAGAAAGCTGTGCTGTAAGT
CCTGACTTACAGGCTGAGGAATGGAGCTGCCTCCGTTTGGTCTACCAGATAACCACATCTTCGGAGTCTC
TGTCAGATCCCAGCCAGCTGAACCTCTACATGAGATTTGAAGATGAAAGCTTTGATCGCTTGCTTTGGTC
AGCTAAGGAACCTTCAGACAGCTGGCTCATAGCCAGCTTGGATTTGCAAAAACAGTTCCAAGAAATCAAG
ATTTTAAAGAAAGGTGTACTAGGACAGGGAAACACAGCCAGCATCGCACTATTTGAAATCAAGATGACAA
CCGGCTACTGTATTGAATGTGACTTTGAAGAAAATCATCTCTGTGGCTTTGTGAACCGCTGGAATCCCAA
TGTGAAGTGGTTTGTGGAGGAGGAAGTATTCGGAATGCCACTCCATTCTCCACAGGATCACACCTTC
AAGAGTGAAGTGGCCACTACATGTACGTGGACTCAGTTTATGTGAAGCACTTCCAGGAGGTGGCACAGC
TCATCTCCCCGTGACCACGGCCCCATGGCTGGCTGCCTGTCAATTTATTACCAGATCCAGCAGGGGAA
TGACAATGTCTTTCCCTTTACACTCGGGATGTGGCTGGCCTTTACGAGGAAATCTGGAAGCAGACAGG
CCAGGGAATGCTGCCTGGAACCTTGCGGAGGTCGAGTTCAATGCTCCTTACCCCATGGAGGTTATTTTTG
AAGTTGCTTTCAATGGTCCCAAGGGAGGTTATGTTGCCCTGGATGATATTTCAATCTCTCTGTTCACTG
CCAGAATCAGACAGAACTTCTGTTCAAGTCCGTTGGAAGCCAGCTGCAATTTTGAAGCAAGTCTCTGCAAC
TTTTACCAAGATAAAGAAGGTCCAGGTTGGACCCGAGTGAAGTAAAACCAACATGTATCGGGCTGGAG
ACCACACTACAGGCTTAGGGTATTACCTGCTAGCCAACACAAAGTTCACATCTCAGCCTGGCTACATTGG
AAGGCTCTATGGGCCCTCCCTACCAGGAACTTGCAAGTATTGTCTGCGTTTTTCAATATGCCATCTATGGA
TTTTTAAAAATGAGTGACACCCTAGCAGTTTACATCTTTGAAGAGAACCATGTGGTTCAAGAGAAGATCT
GGTCTGTGTTGGAGTCCCAAGGGGTGTTGGATGCAAGCTGAAATCACCTTTAAGAAGCCCATGCCTAC
CAAGGTGGTTTTCATGAGCCTATGCAAAAAGTTTCTGGGACTGTGGGCTTGTAGCCCTGGATGACATTACA
ATACAATTGGGAAGCTGCTCATCTTCAGAGAAACTTCCACCTCCACCTGGAGAGTGTACTTTGAGCAAG
ATGAATGTACATTTACTCAGGAGAAAAGAAACCGGAGCAGCTGGCACAGGAGGAGGGGAGAAACTCCAC
TTCCTACACAGGACCAAAGGGAGATCACACTACTGGGGTAGGCTACTACATGTACATTGAGGCTCCCAT
ATGGTGTATGGACAAAAGCACGCCTCTGTCCAGGCCTCTGCGAGGAGTCTCTGAAAAACTGCTTGA
CCTTTTTCTACCACATGTATGGAGGGGGCACTGGCCTGCTGAGTGTATCTGAAAAAGGAAGAAGACAG
TGAAGAGTCCCTCTATGGAGGAGAAGAGTGAACAGAGCATTTCTGGCTACGAGCACTGATTGAATAC
AGCTGTGAGAGGCAACACCAGATAATTTTTGAAGCCATTCGAGGAGTATCAATAAGAAGTATTTGCCA
TTGATGATGTTAAATTCAGGCAGGACCCTGTGGAGAAATGGAAGATACAACCAACAATCATCAGGATA
TTCTGAGGACTTAAATGAAATTGAGTATTA
```

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for BC016383 unedited</p> <pre> CCCCCCCCCNCCNCCNCCNCCCGTTCAAATTTGTATACGACTCATATAGCGGCC GCGNAATTCGCACCAGCCGCGGTCTGACCTGAGGCTGCTGCTCAGCGCCGGGGCGTGGC GCTCTCCATTTCGAGCACCTTCCAGCATACCGCTCGGCTCCGGGAGCCGCTCTGCAAAGTT GGGAGCTCAGAGCGCAAGCTTTGCCTCTGACTTCTCCCTCCTGGGTCCCCGGCGCCC CCGCTCCCACGATCCCTTTCACTAGGAGCAGCCAGTCCCAGCGGGCTGGCAACTTGCAC CCCTTCTAGTCATCCTCCCTGAAACGCGACCATGCTGTTAAGGGGCGTCTCCTGGCGT TGCAAGCCCTGCAGCTCGCCGGTGCCCTCGACCTGCCCGCTGGTCTGTGCCTTTGAAG AGAGCACTTTCGGCTTTGACTCCGTGTTGGCCTCTCTGCCGTGGATTTTAAATGAGGAAG GCCATTACATTTATGTGGATACCTCTTTGGCAAGCAGGGGGAGAAAGCTGTGCTGTAA GTCCTGACTTACAGGCTGAGGAATGGAGCTGCCTCCGTTTGGTCTACCAGATAACCACAT CTTCGGAGTCTCTGTCAGATCCCAGCCAGCTGAACCTCTACATGAGATTTGAAGATGAAA GCTNTGATCGCTTGTCTGTCAGCTAAGGAACCTTCAGACAGCTGGGCTCATAGCCCA GCTGGNATTGCANNACAGNTCCAGAANNATCCAGATNNTATAGAAGGTGACTAGGA CAGGNAACACAGNCAGCATCGCACTATTTGAAAANTCAGATGACACGGNCTACTGAATT GAATGTGACTTTGAGAAAATCATCTCTGTGGCTTTGTGAACCGCTGAATCCCATGTGA ACTGTTNNTGTGGNAGAGAAGTATCCGGAATGCCACTCCATTCTCCCCAGTATCACAC CTCCAGGAGGGACCTGGGCACTACATGTACNGACTCAGTTTATGGGAGCCCTTCACGAG </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for BC016383 unedited</p> <pre> TAGNGTNCNAGTTTTTTTTTTTTTTTTTTTTAAAAATTTTCAAATTTTATTAGTAATT TTATAATTTTCATAGCAGCTGTTAGGATACACAAACATATATATACAATTTTCTAAACAAG TAAATAAAAGCAGTTTAGTATATCTGCCTGAATTCATATTATTCAAATCTTACCAAAT ATTTATTATAAAATCAGTAAAATTGTTTAAACACATTTATAAAAAGTTGCTGGGTATGTAT ACATAAACATTTTAAAGCTTGCTTTACAAAAAAAGTTAAATTTCTATCCATGTGCTCATA GTGACTTCAAAGGGAGTTCAAAGGGGAATAAAGAAAGGAGCATTGGCTTGAATACAGC ATTAATTAATACTGACTTACCCTTGACATTCATGAAAGATCCCTTGGTATCACATATGG GGAAAAATATAAAATTAATACTCCATTTCTATGAATAAAACATAGGAAATAAGACTTTA TTTTCCAGACTAACTCATTAGCATGAAAGACTGCATTCATTCTGCAGATATTACTGACA CCCCGTATTATGACTTAAAAAATATTTATGATACTTAAAAATCAAAAAGAAAATGCAA GACCTATTTTTCTCCATACTTTACTGAATGCAGATTAATGAGTGCATCTCATTTTGATT GTGCCCTTTGTGACTTTAAATGACTACATATAGTACATTTGTTTTTAACTGGTACCAA ATTTAAGATGATGATCTATGCAAAACAGTAGCCTGTTTTCTAGTAACAGGTGTCATATCC AAAAGAAAAAAGACCCCTGATCAATTGTTTTTGAAA </pre>
Restriction Sites:	NotI-NotI
ACCN:	BC016383
Insert Size:	3500 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: [BC016383.1](#), [AAH16383.1](#)

RefSeq Size: 3366 bp

RefSeq ORF: 3366 bp

Locus ID: 256691

Cytogenetics: 9q21.12

Domains: MAM

Protein Families: Secreted Protein