

Product datasheet for **SC100972**

MAMDC2 (NM_153267) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAMDC2 (NM_153267) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAMDC2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_153267, the custom clone sequence may differ by one or more nucleotides

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ATGCTGTTAAGGGCGTCCTCCTGGCGTTGCAAGCCCTGCAGCTCGCCGGTGCCCTCGACCTGCCCGCTG
GGTCTGTGCCTTTGAAGAGAGCACTTGGCGCTTTGACTCCGTGTGGCCTCTCTGCCGTGGATTTTAAA
TGAGGAAGGCCATTACATTTATGTGGATACCTCCTTTGGCAAGCAGGGGGAGAAAGCTGTGCTGTAAGT
CCTGACTTACAGGCTGAGGAATGGAGCTGCCTCGGTTTGGTCTACCAGATAACCACATCTTCGGAGTCTC
TGTCAGATCCCAGCCAGCTGAACCTCTACATGAGATTTGAAGATGAAAGCTTTGATCGCTTGCTTTGGTC
AGCTAAGGAACCTTCAGACAGCTGGCTCATAGCCAGCTTGGATTTGCAAAAACAGTTCCAAGAAATCAAG
ATTTTAAATAGAAGGTGTACTAGGACAGGGAAACACAGCCAGCATCGCACTATTTGAAATCAAGATGACAA
CCGGCTACTGTATTGAATGTGACTTTGAAGAAAATCATCTCTGTGGCTTTGTGAACCCTGGAATCCCAA
TGTGAAGTGGTTTGTGGAGGAGGAAGTATTCGGAATGCCACTCCATTCTCCACAGGATCACACCTTC
AAGAGTGAAGTGGCCACTACATGTACGTGGACTCAGTTTATGTGAAGCACTCCAGGAGGTGGCACAGC
TCATCTCCCCGTGACCACGGCCCCATGGCTGGCTGCCTGTATTTTATTACCAGATCCAGCAGGGGAA
TGACAATGTCTTTCCCTTTACACTCGGATGTGGCTGGCCTTTACGAGGAAATCTGGAAGCAGACAGG
CCAGGGAATGCTGCCTGGAACCTTGCGGAGGTCGAGTTCAGTGCCTTACCCCATGGAGGTTATTTTTG
AAGTTGCTTTCAATGGTCCCAAGGGAGGTTATGTTGCCCTGGATGATATTTCACTCTCTCTGTTCACTG
CCAGAATCAGACAGAACTTCTGTTCAAGTCCGTTGGAAGCCAGCTGCAATTTTGAAGCAAGTCTCTGCAAC
TTTTACCAAGATAAAGAAGGTCCAGGTTGGACCCGAGTAAAAGTAAAACCAACATGTATCGGGCTGGAG
ACCACACTACAGGCTTAGGGTATTACCTGCTAGCCAACACAAAGTTCACATCTCAGCCTGGCTACATTGG
AAGGCTCTATGGGCCCTCCCTACCAGGAACTGCAGTATTGTCTGCGTTTTTATTATGCCATCTATGGA
TTTTTAAAAATGAGTGACACCCTAGCAGTTTACATCTTTGAAGAGAACCATGTGGTTCAAGAGAAGATCT
GGTCTGTGTTGGAGTCCCAAGGGGTGTTGGATGCAAGCTGAAATCACCTTTAAGAAGCCCATGCCTAC
CAAGGTGGTTTTTATGAGCCTATGCAAAAAGTTTCTGGGACTGTGGGCTTGTAGCCCTGGATGACATTACA
ATACAATTGGGAAGCTGCTCATCTTCAGAGAAACTTCCACCTCCACCTGGAGAGTGTACTTTGAGCAAG
ATGAATGTACATTTACTCAGGAGAAAAGAAACCGGAGCAGCTGGCACAGGAGGAGGGGAGAAACTCCAC
TTCCTACACAGGACCAAGGGAGATCACACTACTGGGTTAGGCTACTACATGTACATTGAGGCTCCCAT
ATGGTGTATGGACAAAAGCAGCCTCTTGCCAGGCCTCTGCGAGGAGTCTCTGAAAACACTGCTTGA
CCTTTTTCTACCACATGTATGGAGGGGCACTGGCCTGCTGAGTGTATCTGAAAAGGAAGAAGACAG
TGAAGAGTCCCTCTTATGGAGGAGAAGAGGTGAACAGAGCATTCTGGCTACGAGCACTGATTGAATAC
AGCTGTGAGAGGCAACACAGATAATTTTTGAAGCCATTCGAGGAGTATCAATAAGAAGTATTTGCCA
TTGATGATGTTAAATTTAGGCAGGACCCTGTGGAGAAATGGAAGATACAACCAACAATCATCAGGATA
TTCTGAGGACTTAAATGAAATTGAGTATTA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_153267 unedited

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GGCCGCGAATTCGGCACCAGGTTCAAGTCCGTTGGAAGCCAGCTGCAATTTTGAAGCAAGAG
CTCTGCAACTTTTACCAAGATAAAGAAGGTCCAGGTTGGACCCGAGTAAAAGTAAAACCA
AACATGTATCGGGCTGGAGACCACACTACAGGCTTAGGGTATTACCTGCTAGCCAACACA
AAGTTCACATCTCAGCCTGGCTACATTGGAGGGTCTATGGGCCCTCCCTACCAGGAAAC
TTGCAATTTGCTGCGTTTTTATTATGCCATCTATGGATTTTTAAAAATGAGTGACACC
CTAGCAGTTTACATCTTTGAAGAGAACCATGTGGTTCAAGAGAAGATCTGGTCTGTGTTG
GAGTCCCCAAGGGGTGTTTGGATGCAAGCTGAAATCACCTTTAAGAAGCCCATGCCTACC
AAGGTGGTTTTTATGAGCCTATGCAAAAAGTTTCTGGGACTGTGGGCTTGTAGCCCTGGAT
GACATTACAATAACAATTGGGAAGCTGCTCATCTTCAGAGAAACTTCCACCTCCACCTGGA
GAGTGTACTTTGAGCAAGATGAATGTACATTTACTCANGAGAAAAGAAACCGGAGCAGC
TGGCACAGGAGGAGGGGAGAAACTNCCACTTNTACACAGGACCAAGGGAGATCACACT
ACTGGGGTANGCTACTACATGTACATTGAGGCCTCCCATATGGTGTATGGACAAAAGCA
CGCCTCTGTCCAGGCCT
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_153267 unedited CCCATCCCGGGTCCGCCCCCAATCCGCCTTGGGTTTTGNCCGGGGGNGGGGCAGACCTT ATCTACCTTTANNAAGTAATTTGAGAATTCATAGCAGCTGTTAGGATACACAAACATAT ATATACAATTTTCTAAACAAGTAAATAAAAGCAGTTTAGTATATCTGCCTGAATTCATAT TATTCAAAATCTTACCAAAATATTTATTATAAAAATCAGTAAAATTGTTTAAACACATTTA TAAAAGTTGCTGGGTATGTATACATAAACATTTTAAGCTTGCTTTACAAAAAAAAGTTAA ATTTCTATCCATGTGCTCATAGTGACTTCAAAGGTAGTTCAAAGGGGGAATAAAGAAGGT AGCATTGCCCTTGAATACAGCATTAAATTAATACTGACTTACCCTTGGACATTCATGAAAG ATCCTTTGTTATCACATATGGTGAAAATATTAATAAATAATACTCCATTTCTATGAATAA AACATAGAAAATAAGACTTTATTTTTCCAGACTAACTCATTAGCATGAAAGACTGCATTC ATTCTGCAGATATTACTGACACCCCGTATTATTTACTTAAAAAATATTTATGATACTTAA AATTCAAAAAGAAACCTGCAAGACCTATTTTTCTCCCAATACATTCACTGAATGCAGATT TAAATGAGTGCATCCCATTTTGAATGTGCCCTTGGGTACTTTAAAATGACTACAATATA GTACATTTGGATTTTTAACTGGTACCAAAATTAAGATGAATGATCTATGCCAAACCCGTA GCCCTGTTTTCTAGTAACCGTTGTCAAATGCCAAAAGAAAAAAGAAGCCCTGATCCATA TTGTTTTTGCAAAATTAATGAAGGGAGGGGCCAAAAGACCTTTAATACTTATAAATTGT TAAAACGGN
Restriction Sites:	NotI-NotI
ACCN:	NM_153267
Insert Size:	2000 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:	<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_153267.2</u> , <u>NP_694999.1</u>
RefSeq Size:	3618 bp
RefSeq ORF:	3618 bp
Locus ID:	256691
UniProt ID:	<u>Q7Z304</u>
Cytogenetics:	9q21.12
Domains:	MAM
Protein Families:	Secreted Protein