

Product datasheet for **MC224018**

Mamdc4 (NM_001081199) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mamdc4 (NM_001081199) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mamdc4
Synonyms: Gm995
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224018 representing NM_001081199
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGCCTGCCTAGCCACCTTCTTTCAACCTGGGTCTGTTTATGGTTACCCTGCCAGCTGCACAGTCGC
 TAGGCAAGACCTGGCTCCCCAACCTGCAGAAGCCCATCAAAGCTGTATGCAACTTTGTGTGACTG
 TGGAGACTGTTTACAGCAAACCTCAGTGTGGTTTCCATGGAGCCTCAACTATCCCAAGCACCTCCTTACC
 TGCAACTTTGAGCAGGACTCCTGTGGCTGGCAGGACATCAGCACCTCAGGCTATCGATGGCTTCGAGACC
 GGGCAGGGGCAGTGTGCATGGTCTGGCCCTCATTCTGACCATACACATGGCACTGACTTGGGCTGGTA
 TATGGCTGTGGGAACCCACAGTGGGAAGGAGCCATCTACTGCGACTCTGCGTTCTCCTGTGCATGCGTGAG
 GCAGCCCCACCTGTGAAGTGGGCTCTGGTACCACATTGCTCTAGAGATGTCGCTGAGCTGCGGCTGG
 ACCTGACCCATGGTGTGGAGACTGACTCTATGGCAGACCTCAGGACCTGGGGCCCTGGCTGGCAGGA
 GCTGGCAGTGAACACTGGCCGCATCCAGGGTACTTCAAAGTACATTTCTGCCACCCGAAATGCCACA
 CACAGGGCGCTGTGGCCTTGGATGATGTGGAGTCCGGGACTGTGGGCTACCCATCCCTCAGGCCAGT
 GCCCCTGGGGCATCACCTGCCAGAACAAGGCTTGTGTGGAGCCCAACAGCTGTGTGATGGTGAAGA
 CAACTGTGGAGACAGATCTGATGAAGACCACTCATCTGCAGCCACCACATGGCCACTGACTTTGAGACA
 GGCTGGGACCGTGAACCAAGTTAGAGGGCTGGACCCGGAACCACAGTGTGGCAGCATGGTGGCCCTG
 CCTGGCCCCACCGAGATCACAGCCGAACAGTGCATACGGCTTCTTCTCATCTCTGTGGCCAAGCTGG
 CACCACTGCTGTCTTACAGCCCTGAGTTCCAAGGCTCAGTCTCCAACAAGTCTGTTTACCTTCTAT
 TACTACCTGCACGGTCTGAGGCCAGCCACTTCCAGCTGTTTCTGCAGGCACAGGGGCTCAACACCCCC
 AGGTCCCTGTTTACTTCAAGCCGCCATGGAGAAGTGGGACAGCTGGGTGAGAGACCGGTTGACAT
 TCAAAGTCCCCATCCATTTGGATCCTTCTAGCTGGGGAGACGGGTCCAGGAGCGTCGTGGCCCTAGAC
 GACCTTATCATGTCTAGCCACTGCATGCTTGTCCAGCTATGTCCACCCTGCAGTCATCACTTTCTGGAC
 CTGTGCCATTAGCCCTCTATCCCAAGACATCCATCAAGCTGCCCAAGCAGACCTGTGAGCCAGGACATCT
 CTCTGTGGTGCCTGTGTGTGCCCCCTGAGCAGCTGTGTGATTTCCAGAAGCACTGTGCAGAGGGCGAG
 GATGAACAACAAGTGTGGCACCACAGACTTTGAGTCCGCTCTGCTGGGGCTGGGAGGACATCAGTGTAG



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GGAAGCTGCAGTGGCAATGGGTTGAAGCCAGGAGAAGAGCAAGCCTGCCGGGATGCCAATCGGGATGC
 TCCTGGGCACTTCTATCTCTGCAGAAGGCCTGGGGCAGCTAAGATCTGAGGCCGGGCTCTCACACCT
 GCTCTGGGCCCTCTGGCCCTACTGTGAATCCACATGGCTTACTATTTCAAAGTCAACCCCAAGGCT
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 GAGCTGGACAGAGGAGAAGATTATCTCGGGCACGGCCGGCCGTTCCAGCTGGAGTTTGTAGTCTG
 GTGGACTTGGATGGCCCTGGCCAGCAGGGGCTGGGTGGACAATGTGACTCTGAGAGACTGCAACCCCA
 TGGTACCCTGAAAGTGACCAAGAGCTCTCTGTAACCTTGAACGGGACTCCTGCAGCTGGCATACAGG
 CCACCTCACAGATGCCACTGGCACCGTATAAAAAGCCACGGCTCTCAGCTTGACCACACAACCTGGCCAA
 GGCTTTTTCATGTTCTTGGATCCACGGACCCACCTGCTCGAGGCCAAGGTGCCCTGTTGCTCACAAAGAC
 CTCAGGTGCCAGTTGTCCCAAGGAATGTCTCAGCTTCTGGTACCGCCTGTATGGGCCCAAGATTGGGAC
 ACTGTGCCTGGCCATGAGGAGGGAGCGGGAGGAAGACATACTACTGTGGTCCCGTGGGCCACCCATGGC
 AACCGCTGGCACCAGGCTTGGGTCACTTTCATCACCAGCCAGAGGCCAGCACCAAGTACCAGTTGCTGT
 TTGAAGGCCTCCGAATGGGTACCATGGCACAATGGCCCTGGATGACATAGCTGTGCGGCCTGGCCCTG
 CTGGGCCCAAGAGCTTCTTTGAAGACTCTGACTGTGGCTTCTCCCAGGGGGCTGGGTCTGTGG
 ACGCACCAGAGTAATGCCTCAGGCCTTGTCTTGGGGTCTTGGATAGACCATAACCACAGGGACAGCCC
 AAGGGCACTACATGGTGGTGGACACCAGCCAAATGTACTGCCCAAGGGTCATGTGGCCGCTCTGACTTC
 AGAGGAACACCAGCCCCTGTCCCAGCCTGCCTGTCTGACCTTCTGGTACCACATGAGCGTCCCAATCCA
 GGCACCTTGAGGGTCCACGTGGAAGAGAGCACAAGGCCTCAAGAGCTCAGCATCAGTGCCCATGGTAGAT
 CTGCCTGGCGCCTGGGCAGCGTCAATGTGCAGGCTGAGCAAGCCTGGAAGGTGGTGTGAGGCTGTGGC
 TGCTGGTGTAGAATATTCCTACATGGCTCTAGATGACATTTCCCTCCAAGATGGGCCCTGTCTCAGCCA
 GGTTCTGTGACTTTGAACTGGCCTGTGTGGTGGAGCCACCTGCCCTGGCCAGCCTGGGCGGGTACA
 GCTGGGACTGGAGTGTGAGCCACCCATCCCGCTACCCACAGCCTTCACTGGACCATAACCTGGGCAC
 AGAAGCAGGCCATTTTGGCTTTCTTTGAAACCAGCGTGCTAGTCTGGGGCCAGGCAGCCTGGCTGGC
 AGTGAGCCACTGCCAGCAACAACAGTCTCATGCCTCCGCTTCTGGTACTACATGGGCTTTCTGAGCATT
 TCTACAAGGGTGAGTTGAGAGTGCTCCTGAGCAGTGCCCGAGGCCAGCTAGCTGTGTGGTACCAGGGTGG
 GCACCTGCGGGACCAGTGGCTACAAGTCCAGATTGAAGTGTCCAACCTCTGAGGAGTTCCAGATTGTTTTT
 GAAGCCACTCTGGGTGGCCAGCCAGCTCTGGGGCCATTGCCATTGATGATGTGCAGTACCTGGCTGGAC
 AACAGTGAAGCAGCCTTACCTAGCCAGGGTGAAGTGGCAGCACCCGTGTCTGTGCCAGTTGCCGTTGG
 AGGAGCCCTCTTTTTCATGTTCTTGGTGTCTATGGCCTTGGGGCTGGCATTGGCTGCAGAAGCAG
 CACTGCCCCGGCCAGAGGAGTACAGATGCAGCAGCCTCTGGCTTGGCCAATATCCTTTCAATGCGGATC
 ATGTTACCCTCCAGAATCAATCACCAGCAACCCACAGAGCCCTCCAGACCTGGCCTGA

ACGGCTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001081199
- Insert Size:** 3699 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: [NM_001081199.1](#), [NP_001074668.2](#)

RefSeq Size: 3990 bp

RefSeq ORF: 3699 bp

Locus ID: 381352

Cytogenetics: 2 A3