

Product datasheet for RN203710

Mamdc4 (NM_145768) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mamdc4 (NM_145768) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mamdc4
Synonyms:	Aegp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203710 representing NM_145768 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTGCCTGCCTAGCTGCCTCCTCTCAATCTGGGTCTATTTATGGCTGCACAGTCTCTAGGCAAGACCT
GGGTCCCTGACCACTGCAGAAGCCCCACCGAAGCTACGTGCAACTTTGTGTGACTGTGGAGACTGTT
AGATGAGGCTCAGTGTGGTTTCCAGGTGCCTCAACTACCCAAACACCCCTTACCTGCAACTTTGAG
CAGGATCCCTGTGGCTGGCAGGACATCAGCACCTCGGGCTATCGATGGCTTCGAGACCGGGCAGGGCAG
GGCTGGATAGTTCTGGGCCCATTTCTGACCATACACGTGGCACTGACTTGGGCTGGTACATGGCTGTGGG
AACCCATAGTGGGAAGGAGCCATCTACTCGGACTTTGCGTCTCCTGTGCATGCGTGAGGCAGCCCCACC
TGTGAAGTGGGCTCTGGTACCACACTGACTCTAGAGATGTCGCTGAGCTGCGGCTGGATCTGACCCATG
GTATGGAGACTGACTCTATGGCAGAGCTCGGGACCTTGGGGTCCCTGGCCTGGCAGGGAAGTACAGT
GAACACTGGCCGAATCCAGGGTACTTCAAAGTGACATTTTCTGCCACTCGAAATGCTACACACAGGGGC
GCTGTGGCCTTGATGACATGGAGTTCTGGGACTGTGGTCTGCCATCCCTCAGGCCAGGTGTCCCTGG
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ACCGAGATCACAGCCGGAATAGTGATATGGCTCTTTCTCGTCTCTGTGGCCAAGCCTGGCACCCTGC
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CATGGGTCTGAGGCCAACCAATTCAGCTCTTTGTGCAGGCACAGGGGCTCAACACCACCAGCCTCCTG
TCCTACTCCGAAGCCGCATGGAGAGTTGGGGACAGCCTGGGTGACAGACCGGGTAAACATTCAAAGTGC
CCATCCATTCGGATCCTTCTTGTGGGAGACTGGTCCAGGAGGCTTCGTGGCCTAGACGACCTTATC
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TGGCCCTCTATCCCAGACATCCATCAAGCGAACCTGTGACGCAGGACATCTCTCCTGTGACGAGCTGTG
TGTGCCCCCGGAGCAGCTGTGTGATTTCCAGCAGCACTGTGCCGAAGGCGAGGATGAAGAGAAGTGTGGC
ACCACGGACTTTGAGTCTGCCTCTGCTGGGGGCTGGGAGGACATCAGTATAGGAAAGCTACAGTGCCAAC



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GGGCTGAAGCCCAGGAGAGCGGGAAGCCTGCCAGGGATACCAACCGGAATGCACCTGGGCACTTCCTATC
TCTGCGGAAGGCCTGGGGCAGCTACGATCTGAGGCCCGGCTCTCACACCTACTCTGGGCCCTCTGGC
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GTGGAAGAGAGCACAAGGCGCCAAGAGCTCAGCATCAGTGGCCATGGTGGATTTGCGTGGCGCCTAGGCA
CGTGAAATGTACAGGCTGAGCAGGCTGGAAGGTAGTGTGGAGGCTATGGCTTCTGGCGTGAACATTC
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TCTGGCCTGTGTGGTGGAGCCACTGCCTTGGCCTGGTCTGGTGGGTACAGCTGGGACTGGAGCAGTG
GAGCCACTCCATCCCGTACCCCGGCTTCCAGTGGACCACACTGTGGGCACAGAAGCAGGCCACTTCGC
TTTTTTGAAACCAGCGTGTAGTCTGGGGCCAGGCAGCCTGGCTCGGCAGTGAGCCACTGCCAGCA
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GAGTGCTCCTGAGCAGTACCCAAGGACAGCTAGCTGTGTGGCACCGGGTGGGCCTTGGGGACAGTG
GCTACAAGTCCAGATTGAAGTGTCCAGCTCTGAGGAGTCCAGATTGTTTTTGAAGCCACTCTGGGTGGC
CAGCCGGCTCTAGGGCCATTGCCCTTGATGATGTGGAGTACTTGGCTGGACAACACTGCAAGCAACCTA
CACCTAGCCAGGGTAGAGTGGCAGCACCCGTGTCTGTGCCGTTGCAGTCGGAGGAGCCCTCCTCTCTT
CCTGTTGCTCCTGGCCCTGGAGGTTGGCACTGGCTGCAGAAGCAGCACCTCCCTGCCAAAGTACAGAT
GCAGCAGCCTCTGGCTTGGACAATATCCTCTTCAATGCGGATCAAGTTACCCTCCAGAATCAATACCA
GTAACCCATAG
    
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
    
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- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_145768
- Insert Size:** 3651 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_145768.1](#), [NP_665711.1](#)

RefSeq Size: 3906 bp

RefSeq ORF: 3651 bp

Locus ID: 252882

UniProt ID: [Q63191](#)

Cytogenetics: 3p13

Gene Summary: glycoprotein localized to the apical endosomal tubules of intestinal epithelial cells; may play a role in intestinal transport [RGD, Feb 2006]