

Product datasheet for MR216591

Myadm (NM_001093766) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myadm (NM_001093766) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Myadm
Synonyms:	D7Wsu62e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR216591 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGGTAAACAGTAACTCGTACAACCATCAGACTACAACGTCATCCTCCACCACTGTGGGGTCCGCTC
GGGCGCTGACCCAGCCGCTGGGCTCCTCCGCCTCCTGCAGCTAATATCCACCTGTGTGGCTTTCTCGT
GGTGGCCAGTGTGGGTGCCTGGACAGGGCCCATGGGTAAGTGGCCATGTTACCTGGTGTCTGCTTT
GCTGTTACCTCATCATCCTGATTGTGGAGTTAGGTGGACTCCAGGCCCACTTCCCCTGTCATGGCGAA
ACTTCCCACATCACCTTTGCCTGCTACGCGGCCCTTTCTGCCTGTCGTCTCCATCATCTATCCCACCAC
CTATGTGCAGTTCCTAGCTCATGGACGTACCCGGGACCATGCCATCGCTGCCACCACTTTCTCCTGCCT
GCCTGTTTGGCGTATGCCACTGAAGTGGCTGGACCCGTGCAAGGCCCGGTGAGATCACTGGCTATATGG
CTACCGTGCCAGGGCTGCTCAAAGTTTTGAGACCTTCGTAGCCTGTATCATCTTTGCCTTCATCAGTGA
GCCGCTCCTGTATAATCAGAAGCCAGCCCTGGAGTGGTGTGTGGCAGTCTATGCCATCGCTTCATACTA
GCAGGGGTGACCATCCTGCTCAACCTGGGGATTGTACCAACGTGTTGCCATCCCTTTCCCACCTTCC
TCTCAGGCTTGGCCTTACTCTCTGTTCTCTTTACGCCACTGCCATCGTCTCTGGCCCCCTACCAATT
TGATCAGAGATACAGGGCAACCCCGCGTTCATGGATCCAAGCTGCACTCGTAGTATTAGTTATATA
CAACCAACACGGTGTGTTTCTGGGACCGACTGGCGGTGCCATCCTGACAGGTATCAACCTGCTGG
CATATGTGCTGATCTGGTGTACTCCACTCGTCTGGTGTTCGTCAAGGTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR216591 protein sequence
 Red=Cloning site Green=Tags(s)

MPVTVTRTTITTTTTSSSTTVGSARALTQPLGLLRLLQLISTCVAFSLVASVGAWTGPMGNWAMFTWCFCF
 AVTLIILIVELGGLQAHFPLSWRNFPITFACYAALFCLSSIIYPTTYVQFLAHGRTRDHAI AATTFSCV
 ACLAYATEVAWTRARPGEITGYMATVPGLLKVFETVACIIFAF ISEPLLYNQKPALEWCVAVYAICFIL
 AGVTILLNLGDCTNVLP I PFPFTLSGLALLSVLFYATAIVLWPL YQFDQRYQGQPRRSM DPSCTRSISYI
 QPNTVCFWDRRLAVSILTGINLLAYVSDLVYSTRLVFVKV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001093766

ORF Size: 963 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001093766.1](#), [NP_001087235.1](#)

RefSeq Size: 2904 bp

RefSeq ORF: 963 bp

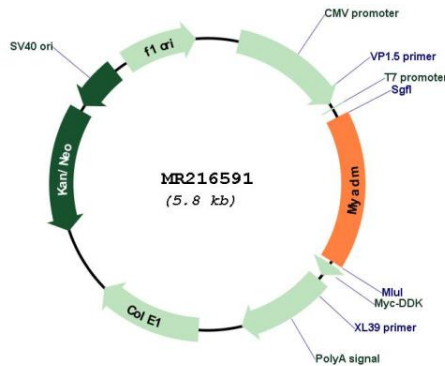
Locus ID: 50918

UniProt ID: [O35682](#)

Cytogenetics: 7 1.92 cM

MW: 35.3 kDa

Product images:



Circular map for MR216591