

## Product datasheet for **RR203327**

### Myadm (NM\_183332) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Myadm (NM_183332) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Myadm
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR203327 representing NM_183332 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCGGTCACAGTCACCCGTACAACCATCACAACATCATCATCCTCCACCCTGTGGGGTCCGCC  
GGGCGCTGACCCAGCCCCCTGGCCTCCTCCGCCTCCTGCAGCTAGTATCCACCTGTGTGGCTTCTCACT  
GGTGGCCAGTGTGGGTGCTTGGACAGGGCCCATGGGTAAGTGGCCATGTTACCTGGTGTCTGCTTT  
GCTGTTACCCTCATCATCCTGATTGAGGAGTTAGGTGGATTCCAGGCCCGCTTCCCCTGTCATGGCGAA  
ACTTCCCTATCACCTTCGCCTGTACGGGCCCTCTTCTGCCTGTCGTCTTCCATCATCTATCCCACCAC  
CTACGTGCAGTTCCTACCTCACGGACGTTCCCGGACCACGCCATCGCTGCCACCACCTTCTCCTGCGTT  
GCCTGTTTGGCGTATGCTACTGAAGTGGCCTGGACTCGTGCAAGGCCTGGTGGAGTCACTGGCTACATGG  
CTACCGTGCCAGGGCTGCTCAAAGTGTTCGAGACCTTCGTAGCCTGCATCATCTTGCCTTCATCAGTGA  
GCCGAGCCTGTACCAGCAAAGGCCGCCCTGGAATGGTGTGTGGCAGTCTATGCCATCTGCTTCATCCTA  
GCAGCAGTGACCGTCTACTCAACCTGGGGATTGTACCAACATGCTGCCATCCCTTCCCTACCTTCC  
TGTCAGGCCTGGCCTTACTGTCTGTGCTCCTTTACGCCACTGCCATCGTCTCTGGCCCCCTACCAATT  
TGATCAGAGGTATAACAGCCAACCCCGCGTTCAATGGATCCAAGCTGCTCTCGTAGTTATGTACAACCC  
AATGAAGTGTGTAAGTGGACCGACGGCTGGCGGTGTCCATCCTGACAGGTATCAACCTGCTGGCATATG  
TGCTGATCTGGTGTATTCCACCCGCTGGTGTTCGTCAAGGTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTAA



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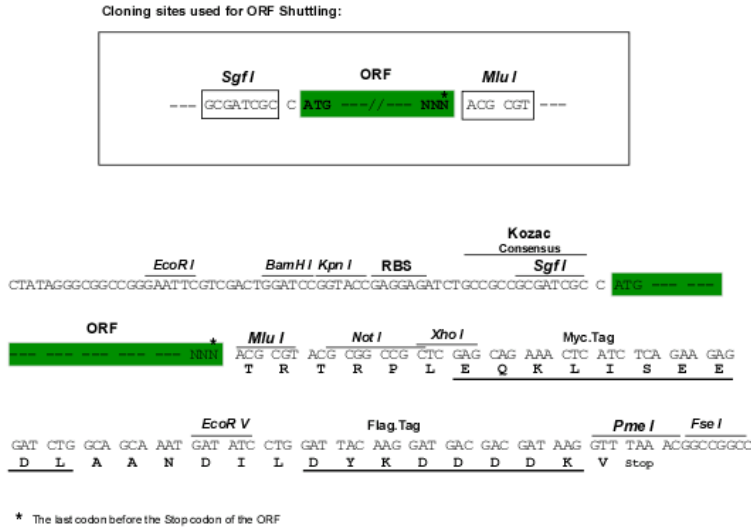
Protein Sequence: >RR203327 representing NM\_183332  
 Red=Cloning site Green=Tags(s)

MPVTVTRTTITTTSSSSTTVGSARALTQPLGLLRLLQLVSTCVAFSLVASVGAWTGPMGNWAMFTWCFCF  
 AVTLIILIEELGGFQARFPLSWRNFPITFACYAALFCLSSSIIYPTTYVQFLPHGRSRDHAI AATTFSCV  
 ACLAYATEVAWTRARPGEITGYMATVPGLLKVFETVACIIFAFISEPSLYQQRPALEWCVAVYAICFIL  
 AAVTVLLNLGDCTNMLPIPFPTFLSGLALLSVLLYATAIVLWPLYQFDQRYNSQPRRSM DPSCSRSYVQP  
 NEVCNWD RRLAVSILTGINLLAYVSDLVYSTRLVFVKV

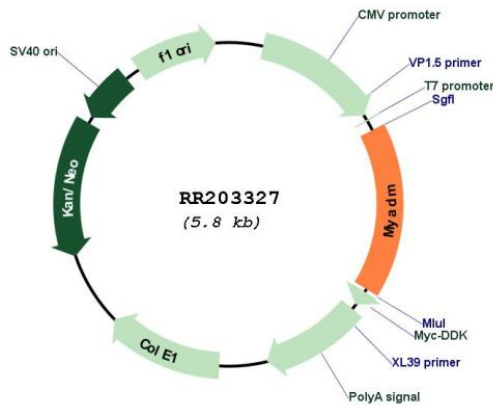
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_183332

<b>ORF Size:</b>	954 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_183332.1</a> , <a href="#">NP_899161.1</a>
<b>RefSeq Size:</b>	2868 bp
<b>RefSeq ORF:</b>	957 bp
<b>Locus ID:</b>	369016
<b>UniProt ID:</b>	<a href="#">Q6VBO5</a>
<b>Cytogenetics:</b>	1q12
<b>MW:</b>	35.1 kDa
<b>Gene Summary:</b>	mouse homolog is a putative transmembrane protein; involved in myeloid differentiation [RGD, Feb 2006]