

## Product datasheet for **MG216591**

### Myadm (NM\_001093766) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Myadm (NM_001093766) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Myadm
Synonyms:	D7Wsu62e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG216591 representing NM_001093766 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCGGTAACAGTAACTCGTACAACCATCAGACTACAACGTCATCCTCCACCACTGTGGGGTCCGCTC  
GGGCGCTGACCCAGCCGCTGGGCTCCTCCGCCTCCTGCAGCTAATATCCACCTGTGTGGCTTTCTCGT  
GGTGGCCAGTGTGGGTGCCTGGACAGGGCCCATGGGTAAGTGGCCATGTTACCTGGTGTCTGCTTT  
GCTGTTACCTCATCATCCTGATTGTGGAGTTAGGTGGACTCCAGGCCCACTTCCCCTGTCATGGCGAA  
ACTTCCCACATCACCTTTGCCTGCTACGCGGCCCTTTCTGCCTGTCGTCTCCATCATCTATCCCACCAC  
CTATGTGCAGTTCCTAGCTCATGGACGTACCCGGGACCATGCCATCGCTGCCACCACTTTCTCCTGCCT  
GCCTGTTTGGCGTATGCCACTGAAGTGGCTGGACCCGTGCAAGGCCCGGTGAGATCACTGGCTATATGG  
CTACCGTGCCAGGGCTGCTCAAAGTTTTGAGACCTTCGTAGCCTGTATCATCTTTGCCTTCATCAGTGA  
GCCGCTCCTGTATAATCAGAAGCCAGCCCTGGAGTGGTGTGTGGCAGTCTATGCCATCTGCTTCATACTA  
GCAGGGGTGACCATCCTGCTCAACCTGGGGATTGTACCAACGTGTTGCCATCCCTTTCCCACCTTCC  
TCTCAGGCTTGGCCTTACTCTCTGTTCTCTTTACGCCACTGCCATCGTCTCTGGCCCCCTACCAATT  
TGATCAGAGATATCAGGGCCAACCCCGCGTTCAATGGATCCAAGCTGCACTCGTAGTATTAGTTATATA  
CAACCAACACGGTGTGTTTCTGGACCGACTGGCGGTGTCCATCCTGACAGGTATCAACCTGCTGG  
CATATGTGCTGATCTGGTGTACTCCACTCGTCTGGTGTTCGTCGAAGGTC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG216591 representing NM\_001093766  
 Red=Cloning site Green=Tags(s)

MPVTVTRTTITTTTTSSSTTVGSARALTQPLGLLRLLQLISTCVAFSLVASVGAWTGPMGNWAMFTWCFCF  
 AVTLIILIVELGGLQAHFPLSWRNFPITFACYAALFCLSSIIYPTTYVQFLAHGRTRDHAI AATTFSCV  
 ACLAYATEVAWTRARPGEITGYMATVPGLLKVFETVFACII FAF ISEPLLYNQKPALEWCVAVYAI CFIL  
 AGVTILLNLGDCTNVLP I PFPFTLSGLALLSVLFYATAI V L W P L Y Q F D Q R Y Q G Q P R R S M D P S C T R S I S Y I  
 QPNTVCFWDRRLAVSILTGINLLAYVSDLVYSTRLVFVKV

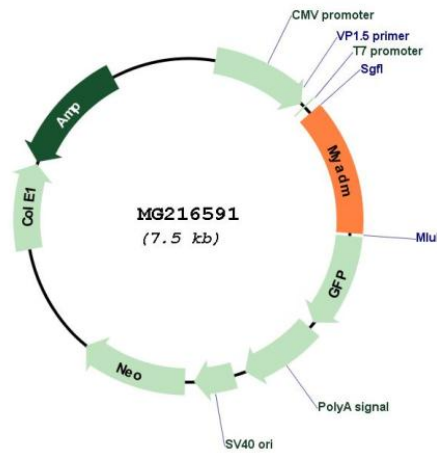
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001093766

**ORF Size:** 960 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_001093766.1</a> , <a href="#">NP_001087235.1</a>
<b>RefSeq Size:</b>	2904 bp
<b>RefSeq ORF:</b>	963 bp
<b>Locus ID:</b>	50918
<b>UniProt ID:</b>	<a href="#">O35682</a>
<b>Cytogenetics:</b>	7 1.92 cM