

## Product datasheet for **RG216332**

### MYADM (NM\_001020820) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MYADM (NM_001020820) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	MYADM
Synonyms:	SB135
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG216332 representing NM_001020820 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCAGTGACGGTAACCCGCACCACCATCACAACCACCACGACGTCATCTTCGGGCTGGGGTCCCCCA  
TGATCGTGGGGTCCCCTCGGGCCCTGACACAGCCCCTGGGTCTCCTTCGCCTGCTGCAGCTGGTGTCTAC  
CTGCGTGGCCTTCTCGTGGTGGCTAGCGTGGCGCCTGGACGGGGTCCATGGGCAACTGGTCCATGTTCC  
ACCTGGTGTCTTCTGCTTCTCCGTGACCCGATCATCCTCATCGTGGAGCTGTGCGGGCTCCAGGCCCGCT  
TCCCCGTCTTGGCGCAACTTCCCATCACCTTCGCCTGCTATGCGGCCCTTCTGCCTCTCGGCCTC  
CATCATCTACCCACCACCTATGTCCAGTTCCTGTCCCACGGCCGTTTCGGGGACCACGCCATCGCCGCC  
ACCTTCTTCTCCTGCATCGCGTGTGTGGCTTACGCCACCGAAGTGGCCTGGACCCGGGCCCGCCGGCGG  
AGATCACTGGCTATATGGCCACCGTACCCGGGCTGCTGAAGGTGCTGGAGACCTTCGTTGCCTGCATCAT  
CTTCGCGTTTCATCAGCGACCCCAACCTGTACCAGCACCAGCCGGCCCTGGAGTGGTGGTGGCGGTGAC  
GCCATCTGCTTCATCCTAGCGGCCATCGCCATCCTGCTGAACCTGGGGGAGTGCACCAACGTGCTACCCA  
TCCCCTCCCCAGCTTCTGTGCGGGCTGGCCTTGCTGTCTGTCTCCTCTATGCCACCGCCCTTGTCT  
CTGGCCCTCTACCAGTTCGATGAGAAGTATGGCGCCAGCCTCGGCGCTCGAGAGATGTAAGCTGCAGC  
CGCAGCCATGCCTACTACGTGTGTGCTGGGACCGCCGACTGGCTGTGGCCATCCTGACGGCCATCAACC  
TACTGGCGTATGTGGCTGACCTGGTGCCTCTGCCACCTGGTTTTTTGTCAAGGTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG216332 representing NM\_001020820  
 Red=Cloning site Green=Tags(s)

MPVTVTRTTITTTTTSSSGLGSPMIVGSPRALTQPLGLLRLQLVSTCVAFSLVASVGAWTGMGNWSMF  
 TWCFCFSVTLIILIVELCGLQARFPLSWRNFPITFACYAALFCLSASIIYPTTYVQFLSHGRSRDHAI  
 AIAA TFFSCIACVAYATEVAWTRARPEITGYMATVPGLLKVLETFVACIIFAFISDPNLYQHQP  
 ALEWCVAVY AICFILAAIAILLNLGECTNVLPIPPSFLSGLALLSVLLYATALVWPLYQFDEKYGGQ  
 PRRSRDVS CS RSHAYYCAWDRRLAVAILTAINLLAYVADLVHSAHLVFKV

TRTRPLE - GFP Tag - V

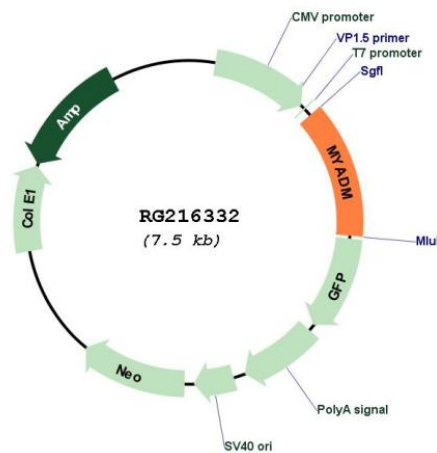
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM\_001020820

ORF Size: 966 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_001020820.3</a>
<b>RefSeq Size:</b>	3077 bp
<b>RefSeq ORF:</b>	969 bp
<b>Locus ID:</b>	91663
<b>UniProt ID:</b>	<a href="#">Q96S97</a>
<b>Cytogenetics:</b>	19q13.42
<b>Protein Families:</b>	Transmembrane