

Product datasheet for **RG221290**

MYADM (NM_001020818) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MYADM (NM_001020818) 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:	>RG221290 representing NM_001020818 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCAGTGACGGTAACCCGCACCACCATCACAACCACCACGACGTCATCTTCGGGCTGGGGTCCCCCA
TGATCGTGGGGTCCCCTCGGGCCCTGACACAGCCCCTGGGTCTCCTTCGCCTGCTGCAGCTGGTGTCTAC
CTGCGTGGCCTTCTCGTGGTGGCTAGCGTGGCGCCTGGACGGGGTCCATGGGCAACTGGTCCATGTTCC
ACCTGGTGTCTTCTGCTTCTCCGTGACCCCTGATCATCCTCATCGTGGAGCTGTGCGGGCTCCAGGCCCGCT
TCCCCCTGTCTTGCGCAACTTCCCATCACCTTCGCCTGCTATGCGGCCCTTCTGCCTCTCGGCCTC
CATCATCTACCCACCACCTATGTCCAGTTCCTGTCCCACGGCCGTTTCGGGGACCACGCCATCGCCGCC
ACCTTCTTCTCCTGCATCGCGTGTGTGGCTTACGCCACCGAAGTGGCCTGGACCCGGGCCCGCCGGCGG
AGATCACTGGCTATATGGCCACCGTACCCGGGCTGCTGAAGGTGCTGGAGACCTTCGTTGCCTGCATCAT
CTTCGCGTTTCATCAGCGACCCCAACCTGTACCAGCACCAGCCGGCCCTGGAGTGGTGGTGGCGGTGAC
GCCATCTGCTTCATCCTAGCGGCCATCGCCATCCTGCTGAACCTGGGGGAGTGCACCAACGTGCTACCCA
TCCCCTCCCCAGCTTCTGTGCGGGCTGGCCTTGCTGTCTGTCTCCTCTATGCCACCGCCCTTGTCTCT
CTGGCCCTCTACCAGTTCGATGAGAAGTATGGCGCCAGCCTCGCGCTCGAGAGATGTAAGCTGCAGC
CGCAGCCATGCCTACTACGTGTGCTGCTGGGACCGCCGACTGGCTGTGGCCATCCTGACGGCCATCAACC
TACTGGCGTATGTGGCTGACCTGGTGCCTCTGCCACCTGGTTTTTGTCAAGGTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG221290 representing NM_001020818
 Red=Cloning site Green=Tags(s)

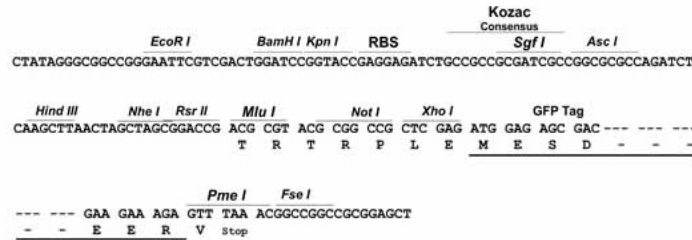
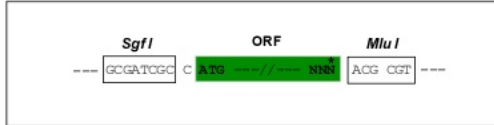
MPVTVTRTTITTTTTSSSGLGSPMIVGSPRALTQPLGLLRLQLVSTCVAFSLVASVGAWTGMGNWSMF
 TWCFCFSVTLIILIVELCGLQARFPLSWRNFPITFACYAALFCLSASIIYPTTYVQFLSHGRSRDHAI
 AIAA TFFSCIACVAYATEVAWTRARPEITGYMATVPGLLKVLETFVACIIFAFISDPNLYQHQP
 ALEWCVAVY AICFILAAIAILLNLGECTNVLPIPPSFLSGLALLSVLLYATALVLWPLYQFDEKYGGQ
 PRRSRDVS CS RSHAYYCAWDRRLAVAILTAINLLAYVADLVHSAHLVFKV

TRTRPLE - GFP Tag - V

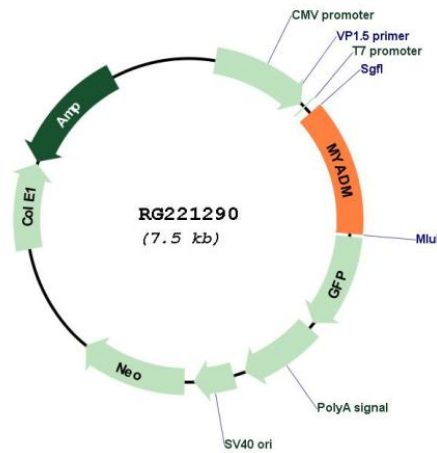
Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_001020818

ORF Size: 966 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:	<ol style="list-style-type: none">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_001020818.2 , NP_001018654.1
RefSeq Size:	3243 bp
RefSeq ORF:	969 bp
Locus ID:	91663
UniProt ID:	Q96S97
Cytogenetics:	19q13.42
Protein Families:	Transmembrane