

## Product datasheet for **RC237436**

### MYADM (NM\_001290191) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MYADM (NM_001290191) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MYADM
Synonyms:	SB135
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC237436 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

RCATGCCAGTGACGGTAACCCGCACCACCATCACAAACCACGACGTCATCTTCGGGCCTGGGGTCCCC  
CATGATCGTGGGGTCCCCTCGGGCCCTGACACAGCCCCTGGGTCTCCTTCGCCTGCTGCAGCTGGTGTCT  
ACCTGCGTGGCCTTCTCGCTGGTGGCTAGCGTGGGCGCCTGGACGGGTCCATGGCAACTGGTCCATGT  
TCACCTGGTGCTTCTGCTTCTCCGTGACCCTGATCATCCTCATCGTGGAGCTGTGCGGGCTCCAGGCCCC  
CTTCCCCCTGTCTGGCGCAACTCCCCATCACCTTCGCCTGCTATGCGGCCCTTCTGCTCTCGGCC  
TCCATCATCTACCCACCACCTATGTCCAGTTCCTGTCCACGGCGTTTCGCGGGACCACGCCATCGCCG  
CCACCTTCTTCTCCTGCATCGCGTGTGTGGCTTACGCCACCGAAGTGGCCTGGACCCGGGCCCGGCCGG  
CGAGATCACTGGCTATATGGCCACCGTACCCGGGCTGCTGAAGGTGCTGGAGACCTTCGTTGCCTGCATC  
ATCTTCGCGTTCATCAGCGACCCCAACCTGTACCAGCACCAGCCTGCCCTGGAGTGGTGCCTGGCGGTGT  
ACGCCATCTGTTTCATCCTAGCGGCCATCGCCATCCTGCTGAACCTGGGGAGTGACCAACGTGCTACC  
CATCCCCCTCCCCAGCTTCTGTGCGGGCTGGCCTTGTGTCTGTCTCCTCTATGCCACCGCCCTGTT  
CTCTGGCCCCCTACCAGTTCGATGAGAAGTATGGCGGCCAGCCTCGGCGCTCGAGAGATGTAAGCTGCA  
GCCGACCCATGCCTACTACGTGTGTGCCTGGGACCGCCGACTGGCTGTGGCCATCCTGACGGCCATCAA  
CCTACTGGCGTATGTGGCTGACCTGGTGCACCTGCCACCTGGTTTTTGTCAAGGTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC237436 protein sequence  
Red=Cloning site Green=Tags(s)

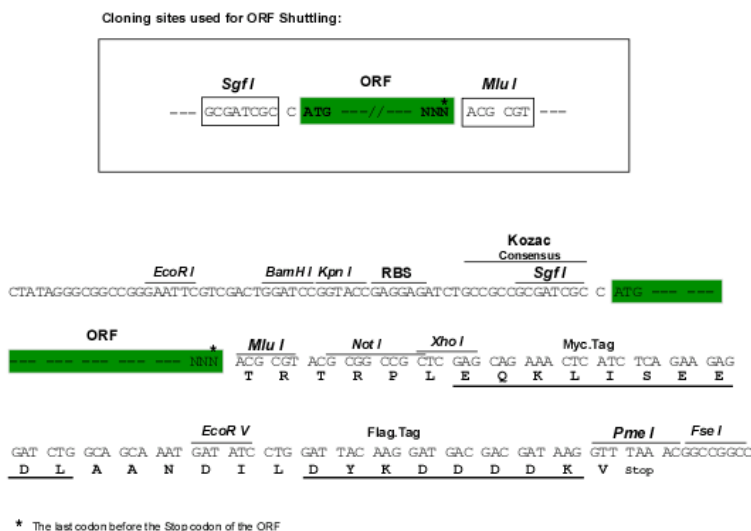
XCQ\*R\*PAPPSQPPRRHLRAWGPP\*SWGPLGP\*HSPWVSFACCSWCLPAWPSRWLAWAPGRGPWATGPC  
 SPGASASP\*P\*SSSSWSCAGSRPASPCLGATSPSPAMPSPSSASRPPSSTPPPMSSSCPTAVRGTTSP  
 PPSSPASRVWLTPPKWPGPGPARSLAIWPPYPGC\*RCWRPSLPASSSRSSATPTCTSTSLPWSGAWRC  
 TPSASS\*RPSPSC\*TWGSAPTCYPSPSPASCRGWPCCLSSSMPPPLFSGPSTSSMRSMASLGAREM\*AA  
 AAAMPTTCVPGTADWLWPS\*RPSTYWRMWTWCCLTPTWFLSR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6380\\_c05.zip](https://cdn.origene.com/chromatograms/mk6380_c05.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001290191

**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:**

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\\_001290191.1](#), [NP\\_001277120.1](#)

**RefSeq Size:** 3083 bp

**RefSeq ORF:** 969 bp

**Locus ID:** 91663

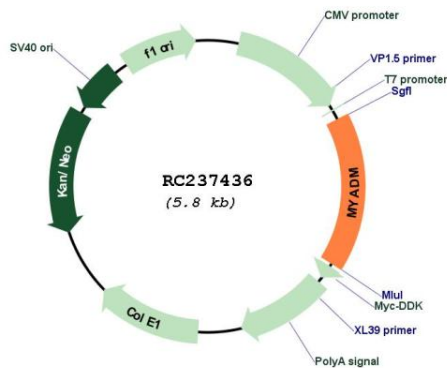
**UniProt ID:** [Q96S97](#)

**Cytogenetics:** 19q13.42

**Protein Families:** Transmembrane

**MW:** 35.3 kDa

**Product images:**



Circular map for RC237436