

Product datasheet for RC237433

MYADM (NM_001290188) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MYADM (NM_001290188) 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:	>RC237433 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

RCATGCCAGTGACGGTAACCCGCACCACCATCACAACCACCACGACGTCATCTTCGGGCCTGGGGTCCCC
CATGATCGTGGGGTCCCCTCGGGCCCTGACACAGCCCCTGGGTCTCCTTCGCCTGCTGCAGCTGGTGTCT
ACCTGCGTGGCCTTCTCGCTGGTGGCTAGCGTGGGCGCCTGGACGGGTCCATGGCAACTGGTCCATGT
TCACCTGGTGCTTCTGCTTCTCCGTGACCCTGATCATCCTCATCGTGGAGCTGTGCGGGCTCCAGGCCCC
CTTCCCCCTGTCTGGCGCAACTCCCCATCACCTTCGCCTGCTATGCGGCCCTTCTGCTCTCGGCC
TCCATCATCTACCCACCACCTATGTCCAGTTCCTGTCCACGGCGTTTCGCGGGACCACGCCATCGCCG
CCACCTTCTTCTCCTGCATCGCGTGTGTGGCTTACGCCACCGAAGTGGCCTGGACCCGGGCCCGGCCGG
CGAGATCACTGGCTATATGGCCACCGTACCCGGGCTGCTGAAGGTGCTGGAGACCTTCGTTGCCTGCATC
ATCTTCGCGTTCATCAGCGACCCCAACCTGTACCAGCACCAGCCTGCCCTGGAGTGGTGCCTGGCGGTGT
ACGCCATCTGTTTCATCCTAGCGGCCATCGCCATCCTGCTGAACCTGGGGAGTGCACCAACGTGCTACC
CATCCCCCTCCCCAGCTTCTGTGCGGGCTGGCCTTGTGTCTGTCTCCTCTATGCCACCGCCCTGTT
CTCTGGCCCCCTACCAGTTCGATGAGAAGTATGGCGGCCAGCCTCGGCGCTCGAGAGATGTAAGCTGCA
GCCGCAGCCATGCCTACTACGTGTGTGCCTGGGACCGCCGACTGGCTGTGGCCATCCTGACGGCCATCAA
CCTACTGGCGTATGTGGCTGACCTGGTGCACCTGCCACCTGGTTTTTGTCAAGGTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC237433 protein sequence
 Red=Cloning site Green=Tags(s)

```
XCQ*R*PAPPSQPPRRHLRAWGPP*SWGPLGP*HSPWVSFACCSWCLPAWPSRWLAWAPGRGPWATGPC
SPGASASP*P*SSSSWSCAGSRPASPCLGATSPSPSPAMPSSASRPPSSTPPPMSSSCPTAVRGTTTPSP
PPSSPASRVWLTPPKWPGPGPARSLAIWPPYPGC*RCWRPSLPASSSRSSATPTCTSTSLPWSGAWRC
TPSASS*RPSPSC*TWGSAPTCYPSPSPASCRCGWPCCLSMPPPLFSGPSTSSMRMAASLGAREM*AA
AAAMP TTCVPGTADWLWPS*RPSTYWRMWTWC TLTPTWFLSR
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6380_c05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001290188

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_001290188.1](#), [NP_001277117.1](#)

RefSeq Size: 3340 bp

RefSeq ORF: 969 bp

Locus ID: 91663

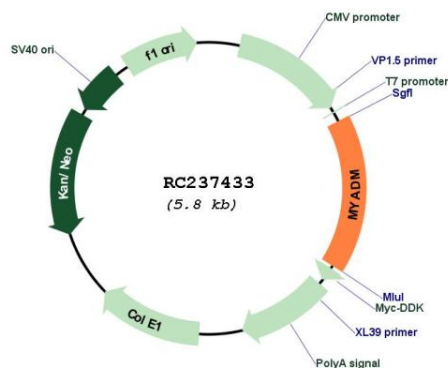
UniProt ID: [Q96S97](#)

Cytogenetics: 19q13.42

Protein Families: Transmembrane

MW: 35.3 kDa

Product images:



Circular map for RC237433