

Product datasheet for RC237767

ADRM1 (NM_001281437) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ADRM1 (NM_001281437) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: ADRM1
Synonyms: ARM-1; ARM1; GP110; PSMD16
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC237767 representing NM_001281437
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACGACCTCAGGCGCGCTCTTTCCAAGCCTGGTGCCAGGCTCTCGGGGCGCCTCCAACAAGTACTTGG
 TGGAGTTTCGGGCGGAAAGATGTCCTGAAGGGGACCACCGTGACTCCGGATAAGCGGAAAGGGCTGGT
 GTACATTCAGCAGACGGACGACTCGCTTATTCACCTTCTGCTGGAAGGACAGGACGCTCCGGAAACGTGGAA
 GACGAACCCAAGACAGACCAGGATGAGGAGCATTGCCGAAAGTCAACGAGTATCTGAACAACCCCCCGA
 TGCCCTGGGGCGCTGGGGCCAGCGGAAGCAGCGGCCACGAACTCTCTGCGCTAGGCGGTGAGGGTGGCCT
 GCAGAGCCTGCTGGAAACATGAGCCACAGCCAGCTCATGCAGCTCATCGGACCAGCCGGCTCCGGAGGA
 CTGGGTGGGCTGGGGCCCTGACTGGACCTGGCCTGGCCAGCTTACTGGGAGCAGTGGGCTCCAGGGA
 GCAGCTCCTCCTCAGCTCCCGGAGCCAGTCGGCAGCGGTCAACCCGTCATCCACCACCTTCCACCCG
 TGCCACCCAGCCCTTCTGCTCCAGCAGCTGCCTCAGCAACTAGCCCGAGCCCGCGCCAGTTCCGGG
 AATGGAGCCAGCACAGCAGCCAGCCGACCCAGCCATCCAGCTGAGCGACCTCCAGAGCATCCTGGCCA
 CGATGAACGTACCAGCCGGGCCAGCAGGGCCAGCAAGTGGACCTGGCCAGTGTGCTGACGCCGGAGAT
 AATGGTCCCATCCTCGCCAACGCGGATGTCCAGGAGCGCTGCTTCCCTACTTGCCATCTGGGGAGTCG
 CTGCCGACAGCCGGATGAGATCCAGAATACCCTGACCTCGCCCGAGTTCCAGCAGGCCCTGGGCATGT
 TCAGCGCAGCCTTGGCCTCGGGGAGCTGGGCCCTCATGTGCCAGTTCGGTCTGCCTGCAGAGGCTGT
 GGAGGCCCAACAAGGGCGATGTGGAAGCGTTTGCCAAAGCCATGCAGAACAACGCCAAGCCCGAGCAG
 AAAGAGGGCGACAGCAAGGACAAGAAGGACGAAGAGGAGGACATGAGCCTGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC237767 representing NM_001281437
 Red=Cloning site Green=Tags(s)

MTTSGALFPSLVPGSRGASNKYLVEFRAGKMSLKGTTVTPDKRKGLVYIQQTDDSLIHFCWKDRTSGNVE
 DEPKTDQDEEHCRKVNEYLNPPMPGALGASGSSGHEL SALGGEGGLQSL LGNMSHSQMLQLIGPAGLGG
 LGGLGAL TGPGLASLLGSSGPPGSSSSSSRSQSAAVTPSSTTSSTRATPAPSAPAAASATSPSPAPSSG
 NGASTAASPTQPIQLSDLQSILATMNVPA GPAGGQQVDLASVL TPEIMAPILANADVQERLLPYLPSGES
 LPQTADEIQNTLTSPQFQQALGMFSAALASGQLGPLMCQFGLPAEAVEAANKGDVEAFKAMQNNAKPEQ
 KEGDTKDKKDEEEDMSLD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

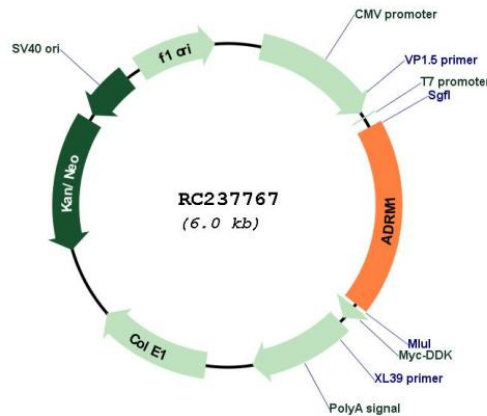
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001281437

ORF Size:	1104 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_001281437.1 , NP_001268366.1
RefSeq Size:	1375 bp
RefSeq ORF:	1107 bp
Locus ID:	11047
UniProt ID:	Q16186
Cytogenetics:	20q13.33
MW:	38 kDa
Gene Summary:	This gene encodes a member of the adhesion regulating molecule 1 protein family. The encoded protein is a component of the proteasome where it acts as a ubiquitin receptor and recruits the deubiquitinating enzyme, ubiquitin carboxyl-terminal hydrolase L5. Increased levels of the encoded protein are associated with increased cell adhesion, which is likely an indirect effect of this intracellular protein. Dysregulation of this gene has been implicated in carcinogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]