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Product datasheet for SC115736

ADRM1 (NM_007002) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADRM1 (NM_007002) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADRM1
Synonyms:	ARM-1; ARM1; GP110; PSMD16
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene ORF within SC115736 sequence for NM_007002 edited (data generated by NextGen Sequencing)

ATGACGACCTCAGGCGCGCTCTTTCCAAGCCTGGTGCCAGGCTCTCGGGGCGCCTCCAAC
AAGTACTTGGTGGAGTTTCGGGCGGGAAAGATGTCCCTGAAGGGGACCACCGTGACTCCG
GATAAGCGGAAAGGGCTGGTGTACATTCAGCAGACGGACGACTCGCTTATTCACTTCTGC
TGGAAGGACAGGACGTCCGGGAACGTGGAAGACGACTTGATCATCTTCCCTGACGACTGT
GAGTTCAAGCGGGTGCCGCAGTGCCCCAGCGGGAGGGTCTACGTGCTGAAGTTCAAGGCA
GGGTCCAAGCGGCTTTTCTTCTGGATGCAGGAACCCAAGACAGACCAGGATGAGGAGCAT
TGCCGGAAAGTCAACGAGTATCTGAACAACCCCCCGATGCCTGGGGCACTGGGGGCCAGC
GGAAGCAGCGGCCACGAACTCTCTGCGCTAGGCGGTGAGGGTGGCCTGCAGAGCCTGCTG
GGAAACATGAGCCACAGCCAGCTCATGCAGCTCATCGGACCAGCCGGCCTCGGAGGACTG
GGTGGGCTGGGGGCCCTGACTGGACCTGGCCTGGCCAGCTTACTGGGGAGCAGTGGGCCT
CCAGGGAGCAGCTCCTCCTCCAGCTCCCGGAGCCAGTCGGCAGCGGTCACCCCGTCATCC
ACCACCTCTTCCACCCGTGCCACCCCAGCCCCTTCTGCTCCAGCAGCTGCCTCAGCAACT
AGCCCGAGCCCCGCGCCCAGTTCCGGGAATGGAGCCAGCACAGCAGCCAGCCCGACCCAG
CCCATCCAGCTGAGCGACCTCCAGAGCATCCTGGCCACGATGAACGTACCAGCCGGGCCA
GCAGGCGGCCAGCAAGTGGACCTGGCCAGTGTGCTGACGCCGGAGATAATGGCTCCCATC
CTCGCCAACGCGGATGTCCAGGAGCGCCTGCTTCCCTACTTGCCATCTGGGGAGTCGCTG
CCGCAGACCGCGGATGAGATCCAGAATACCCTGACCTCGCCCCAGTTCCAGCAGGCCCTG
GGCATGTTCAGCGCAGCCTTGGCCTCGGGGCAGCTGGGCCCCCTCATGTGCCAGTTCGGT
CTGCCTGCAGAGGCTGTGGAGGCCGCCAACAAGGGCGATGTGGAAGCGTTTGCCAAAGCC
ATGCAGAACAACGCCAAGCCCGAGCAGAAAGAGGGCGACACGAAGGACAAGAAGGACGAA
GAGGAGGACATGAGCCTGGACTGA

Clone variation with respect to NM_007002.2
408 g=>a

View online »

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_007002 unedited
GGTGTTTANNATTTTGTAAATACGACTCACTATAGGGCGGCCGCGNAATTCGCACGAGGC
GAGCCCGGACGGCGCCTCTCGACGAGTGTGGGCGCGAGGCAGGATGACGACCTCAGGCGC
GCTCTTTCCAAGCCTGGTGCCAGGCTCTCGGGGCGCCTCCAACAAGTACTTGGTGGAGTT
TCGGGCGGGAAAGATGTCCCTGAAGGGGACCACCGTGACTCCGGATAAGCGGAAAGGGCT
GGTGTACATTCAGCAGACGGACGACTCGCTTATTCACTTCTGCTGGAAGGACAGGACGTC
CGGGAACGTGGAAGACGACTTGATCATCTTCCCTGACGACTGTGAGTTCAAGCGGGTGCC
GCAGTGCCCCAGCGGGAGGGTCTACGTGCTGAAGTTCAAGGCAGGGTCCAAGCGGCTTTT
CTTCTGGATGCAGGAACCCAAGACAGACCAGGATGAGGAGCATTGCCGGAAAGTCAACGA
GTATCTGAACAACCCCCCGATGCCTGGGGCACTGGGGGCCAGCGGAAGCAGCGGCCACGA
ACTCTCTGCGCTAGGCGGTGAGGGTGGCCTGCAGAGCCTGCTGGGAAACATGAGCCACAG
CCAGCTCATGCAGCTCATCGGACCAGCCGGCCTCGGAGGACTGGGTGGGCTGGGGGCCCT
GACTGGACCTGGCCTGGCCAGCTTACTGGGGAGCAGTGGGCCTCCAGNGAGCAGTTCCTC
CTCCAGCTTCCCGAGCCAGTCGGCAGCGGTTACCCCCGTCATCCACCACCTCTTTCCACC
GTGCCACCCCAGCCCCTTCTGCTCCAGCAGCTGCCTTAACAACTAGCCCGACCCCGCGCC
CAGTTCCGGGAATGGAGCCAGCACAGTAGTCAGTCCGACCCAGCCTATCAGTTGAGCGAC
CTCCAGAN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_007002 unedited
GGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTGGCAGGTAAAAGAAAGACTTTA
TTAATAATCAGTGGGTGGGAGGTGAGGGTGTGCAACGCACTGCAAGCGCCCAGTTCCTCG
GAGGACGGCGCGTGGCTCAGTCCAGGCTCATGTCCTCCTCTTCGTCCTTCTTGTCCTTCG
TGTCGCCCTCTTTCTGCTCGGGCTTGGCGTTGTTCTGCATGGCTTTGGCAAACGCTTCCA
CATCGCCCTTGTTGGCGGCCTCCACAGCCTCTGCAGGCAGACCGAACTGGCACATGAGGG
GGCCCAGCTGCCCCGAGGCCAAGGCTGCGCTGAACATGCCCAGGGCCTGCTGGAACTGGG
GCGAGGTCAGGGTATTCTGGATCTCATCCGCGGTCTGCGGCAGCGACTCCCCAGATGGCA
AGTAGGGAAGCAGGCGCTCCTGGACATCCGCGTTGGCGAGGATGGGAGCCATTATCTCCG
GCGTCAGCACACTGGCCAGGTCCACTTGCTGGCCGCCTGCTGGCCCGGCTGGTACGTTCA
TCGTGGCCAGGATGCTCTGGAGGTCGCTCAGCTGGATGGGCTGGGTCGGGCTGGCTGCTG
TGCTGGCTCCATTCCCGGAACTGGGCGCGGNGCTCGGGCTAGTTGCTGAGGCAGCTGCTG
GAGCANNAAGGGCTGGGGTGGCACGGGTGGAAAAGGTGGTGGATGACCGGGTGACCGCTG
CCGACTGGCTCCGGGAGCTGNGAGANGAGCTGCTCCCTGNAGCCCACTGCTCCCCAGTAG
CTGGCCAGCCCAGTCAGTCAGGCCCCCAGCCACCCAGCCTTCGAGGCCGGTGTCCGATGA
CTGCATGACTGCTGTGCTCATGTTCCCACAGCTCTGCAGCCACCTCACGCTACGCAANAG
TCGTGGCGCTGTTTCGTGCCCCATGCCCAGCTTGGGGGTGTCAGACTCGTGCTT

Restriction Sites: NotI-NotI

ACCN: NM_007002

Insert Size: 1390 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_007002.2, NP_008933.2
RefSeq Size:	1410 bp
RefSeq ORF:	1224 bp
Locus ID:	11047
UniProt ID:	Q16186
Cytogenetics:	20q13.33
Domains:	ARM_1
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] Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Variants 1 and 2 encode the same isoform.