

Product datasheet for **SC108423**

ADRM1 (NM_175573) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADRM1 (NM_175573) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADRM1
Synonyms:	ARM-1; ARM1; GP110; PSMD16
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_175573, the custom clone sequence may differ by one or more nucleotides

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ATGACGACCTCAGGCGCGCTCTTTCCAAGCCTGGTGCCAGGCTCTCGGGGCGCCTCCAACAAGTACTTGG
TGGAGTTTCGGGCGGAAAGATGTCCTGAAGGGGACCACCGTGACTCCGGATAAGCGGAAAGGGCTGGT
GTACATTCAGCAGACGGACGACTCGCTTATTCACTTCTGCTGGAAGGACAGGACGTCGGGAACGTGGAA
GACGACTTGATCATCTTCCCTGACGACTGTGAGTTCAAGCGGGTGCCGAGTGCCCCAGCGGGAGGGTCT
ACGTGCTGAAGTTCAAGGCAGGGTCCAAGCGGCTTTTCTTCTGGATGCAGGAACCAAGACAGACCAGGA
TGAGGAGCATTGCCGAAAGTCAACGAGTATCTGAACAACCCCGATGCCTGGGGCGCTGGGGGCCAGC
GGAAGCAGCGGCCACGAACTCTCTGCGCTAGGCCGGTGGGGTGGCCTGCAGAGCCTGCTGGGAAACATGA
GCCACAGCCAGCTCATGCAGCTCATCGGACCAGCCGGCCTCGGAGGACTGGGTGGGCTGGGGGCCCTGAC
TGGACCTGGCCTGGCCAGCTTACTGGGGAGCAGTGGGCCCTCCAGGGAGCAGCTCCTCCTCCAGCTCCCGG
AGCCAGTCGGCAGCGGTACCCCGTCCACCACCTCTCCACCCGTGCCACCCAGCCCTTCTGCTC
CAGCAGCTGCCTCAGCAACTAGCCCGAGCCCGCGCCAGTTCGGGAATGGAGCCAGCACAGCAGCCAG
CCCGACCCAGCCATCCAGCTGAGCGACCTCCAGAGCATCCTGGCCACGATGAACGTACCAGCCGGGCCA
GCAGGCGGCCAGCAAGTGGACCTGGCCAGTGTGCTGACGCGGAGATAATGGCTCCCCTCCTCGCCAACG
CGGATGTCCAGGAGCGCCTGCTTCCCTACTTGCCATCTGGGGAGTCGCTGCCGCAGACCCGGATGAGAT
CCAGAATACCCTGACCTCGCCCCAGTTCAGCAGGCCCTGGGCATGTTTCAGCGCAGCCTTGGCCTCGGGG
CAGCTGGGCCCTCATGTGCCAGTTTCGGTCTGCCTGCAGAGGCTGTGGAGGCCGCAACAAGGGCGATG
TGGAAAGCGTTTGCCAAAGCCATGCAGAACAACGCCAAGCCCGAGCAGAAAGAGGGCGACACGAAGGACAA
GAAGGACGAAGAGGAGGACATGAGCCTGGACTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_175573 unedited GACTGGGAATTTGTAAATCACGATTCACTATAGNNGGCGGCCGCAATTCGGCACCAGN AGGGTTATATTCGGCTGCGCGGCTTACGGGGCTCAATCGGCGGCAGAGCGGCAGGCGGG GCGGGCCGAACCGGGTTTCCGGCGGGGCCGGCAGGCGCCGAGGAGGAAGAGCGAGCCC GGACGGCGCCTCTCGAACGAGTGTGGGCGCGAGGCAGGATGACTACCTCAGGCGCGCTCT TTCCAAGCCTGGTGCCAGGCTCTCGGGGCGCCTCCAACAAGTACTTGGTGGAGTTTCGGG CGGGAAAGATGTCCCTGAAGGGGACCACCGTGACTCCGGATAAGCGGAAAGGGCTGGTGT ACATTCAGCAGACGGACGACTCGCTTATTCACTTCTGCTGGAAGGACAGGACGTCCGGGA ACGTGGAAGACGACTTGATCATCTTCCCTGACGACTGTGAGTTCAAGCGGGTGCCGCAGT GCCCCAGCGGGAGGGTCTACGTGCTGAAGTTCAAGGCAGGGTCCAAGCGGCTTTTCTTCT GGATGCAGGAACCAAGACAGACCAGGATGAGGAGCATTGCCGAAAGTCAACGAGTATC TGAACAACCCCCGATGCCTGGGGCACTGGGGGCCAGCGGAAGCAGCGGCCACGAACTCT CTGCGCTAGGCGGTGAGGGTGGCCTGCAGAGCCTGCTGGGAAACATGAGCCACAGCCAGC TCATGCAGCTCATCGGACCAGCCGGCCTCGGATGACTGGGTGGGCTGGGGCCCTGACTG GACCTGGCCTGGCCAGCTTACTGGGAGCAGTGGGCCTTCAAGGAGCAGCTCCTCCTTCA GTTCCNNGNAGCCGTCGGCAGCGGTACCCCGTCATCCACCACTTCCACCCGGCCACC CCGCCCTTTTGTTCAGCAGCTGCCTTAGCACTAGTCCGAGCCCCGGGCCAATTCGGGG TATGGAGACAGCCT
Restriction Sites:	NotI-NotI
ACCN:	NM_175573
Insert Size:	1500 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:	<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:	<u>NM_175573.1</u> , <u>NP_783163.1</u>
RefSeq Size:	1406 bp
RefSeq ORF:	1224 bp
Locus ID:	11047
UniProt ID:	<u>Q16186</u>
Cytogenetics:	20q13.33

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 (2) differs in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same isoform (1).