

## Product datasheet for **SC335662**

### ADRM1 (NM\_001281438) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ADRM1 (NM_001281438) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADRM1
Synonyms:	ARM-1; ARM1; GP110; PSMD16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335662 representing NM_001281438. Blue=Insert sequence Red=Cloning site Green=Tag(s)

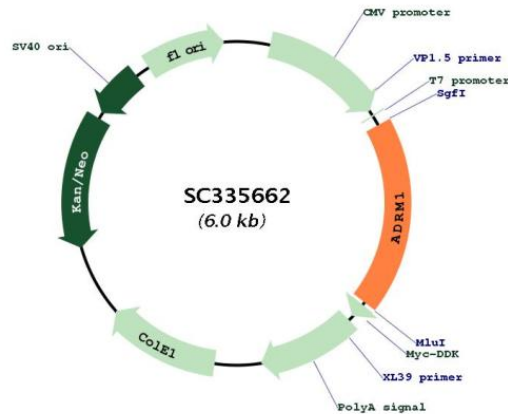
```
GCTCGTTTGTAGTAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACGACCTCAGGCGCCTCTTTCCAAGCCTGGTGCCAGGCTCTCGGGGCGCCTCCAACAAGTACTTG
GTGGAGTTTCGGGCGGAAAGATGTCCCTGAAGGGGACCACCGTGACTCCGGATAAGCGGAAAGGGCTG
GTGTACATTCAGCAGACGGACGACTCGCTTATTCACTTCTGTGGAAGGACAGGACGTCGGGAACGTG
GAAGACGAACCAAGACAGACCAGGATGAGGAGCATTGCCGAAAGTCAACGAGTATCTGAACAACCCC
CCGATGCCTGGGCGCTGGGGCCAGCGAAGCAGCGGCCACGAAGTCTCTGCGCTAGGCGGTGAGGGT
GGCCTGCAGAGCCTGCTGGGAAACATGAGCCACAGCCAGCTCATGCAGCTCATCGGACCAGCCGGCCTC
GGAGGACTGGGTGGGCTGGGGCCCTGACTGGACCTGGCCTGGCCAGCTTACTGGGAGCAGTGGGCTC
CCAGGGAGCAGCTCCTCCTCCAGCTCCCGGAGCCAGTCGGCAGCGGTACCCCCGTATCCACCACCTCT
TCCACCGTGCCACCCAGCCCTTCTGTCCAGCAGCTGCCTCAGCAACTAGCCGAGCCCGCGCC
AGTTCCGGGAATGGAGCCAGCACAGCAGCCAGCCGACCCAGCCCATCCAGCTGAGCGACCTCCAGAGC
ATCCTGGCCACGATGAACGTACCAGCCGGGCCAGCAGGCGGCCAGCAAGTGGACCTGGCCAGTGTGCTG
ACGCCGGAGATAATGGCTCCCATCCTCGCAACGCGGATGTCCAGGAGCGCCTGCTTCCCTACTTGCCA
TCTGGGGAGTCTGCTGCCGAGCCGCGGATGAGATCCAGAATACCCTGACCTCGCCCCAGTTCAGCAG
GCCCTGGGCATGTTTCAGCGCAGCCTTGGCCTCGGGCAGCTGGGCCCTCATGTCCAGTTCGGTCTG
CCTGCAGAGGCTGTGGAGCCGCCAACAAGGGCGATGTGGAAGCGTTTGCCAAAGCCATGCAGAACAAC
GCCAAGCCCGAGCAGAAAGAGGGCGACACGAAGGACAAGAAGGACGAAGAGGAGGACATGAGCCTGGAC
TGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



[View online »](#)

## Plasmid Map:



ACCN: NM\_001281438

Insert Size: 1107 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\\_001281438.1](#)

RefSeq Size: 1379 bp

RefSeq ORF: 1107 bp

Locus ID: 11047

UniProt ID: [Q16186](#)

Cytogenetics: 20q13.33

MW: 37.5 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]

Transcript Variant: This variant (4) lacks an in-frame exon in the 5' coding region, compared to variant 1. The encoded isoform (2) is shorter, compared to isoform 1. Variants 3 and 4 encode the same isoform.