

## Product datasheet for **RG237767**

### ADRM1 (NM\_001281437) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ADRM1 (NM_001281437) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ADRM1
Synonyms:	ARM-1; ARM1; GP110; PSMD16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237767 representing NM_001281437. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGACGACCTCAGGCGCCTCTTTCCAAGCCTGGTGCCAGGCTCTCGGGGCGCCTCCAACAAGTACTTG
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GAAGACGAACCAAGACAGACCAGGATGAGGAGCATTGCCGAAAGTCAACGAGTATCTGAACAACCCC
CCGATGCCTGGGCGCTGGGGCCAGCGAAGCAGCGGCCACGAAGTCTCTGCGTAGGCGGTGAGGGT
GGCCTGCAGAGCCTGCTGGGAAACATGAGCCACAGCCAGCTCATGCAGCTCATCGGACCAGCCGGCCTC
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CCAGGGAGCAGCTCCTCCTCCAGCTCCCGGAGCCAGTCGGCAGCGGTACCCCCGTATCCACCACCTCT
TCCACCGTGCCACCCAGCCCCCTTCTGTCCAGCAGCTGCCTCAGCAACTAGCCCGAGCCCCGCGCCC
AGTTCCGGGAATGGAGCCAGCACAGCAGCCAGCCGACCCAGCCCATCCAGCTGAGCGACCTCCAGAGC
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TCTGGGGAGTCGCTGCCGAGCCGCGGATGAGATCCAGAATACCCTGACCTCGCCCCAGTCCAGCAG
GCCCTGGGCATGTT CAGCGCAGCTTGGCCTCGGGCAGCTGGGCCCTCATGTCCAGTTCGGTCTG
CCTGCAGAGGCTGTGGAGCCGCCAACAAGGGCGATGTGGAAGCGTTTGCCAAAGCCATGCAGAACAAC
GCCAAAGCCGAGCAGAAAGAGGGCGACACGAAGGACAAGAAGGACGAAGAGGAGGACATGAGCCTGGAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



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**Protein Sequence:** >Peptide sequence encoded by RG237767  
 Blue=ORF Red=Cloning site Green=Tag(s)

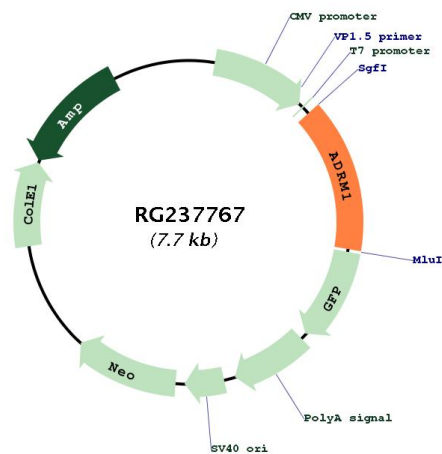
MTTSGALFPSLVPGSRGASNKYLVEFRAGKMSLKGTTVTPDKRKLVIYIQQTDDSLIHFCWKDRSTSGNV  
 EDEPKTDQDEEHCRCVNEYLNNPPMPGALGASGSSGHEL SALGGEGGLQSL LGNMSSHSQLMQLIGPAGL  
 GGLGGLGALTGPLASLLGSSGPPGSSSSSSSRSQSAAVTPSSTTSSTRATPAPSAPAAAASATSPSPAP  
 SSGNGASTAASPTQPIQLSDLQSI LATMNV PAGPAGGQQVDLAVLTPEIMAPILANADVQERLLPYLP  
 SGESLPQTAEIQNTL TSPQFQQALGMFSAALASGQLGPLMCQFGLPAEAVEAANKGDVEAFKAMQNN  
 AKPEQKEGDTKDKKDEEEDMSLD  
 TRTRPLEMESDEGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV  
 MGYGFYHFGTYPGYNPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED  
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



<b>ACCN:</b>	NM_001281437
<b>ORF Size:</b>	1104 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>RefSeq:</b>	<a href="#">NM_001281437.1</a> , <a href="#">NP_001268366.1</a>
<b>RefSeq Size:</b>	1375 bp
<b>RefSeq ORF:</b>	1107 bp
<b>Locus ID:</b>	11047
<b>UniProt ID:</b>	<a href="#">Q16186</a>
<b>Cytogenetics:</b>	20q13.33
<b>MW:</b>	38 kDa
<b>Gene Summary:</b>	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]