

Product datasheet for **RG237768**

ADRM1 (NM_001281438) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADRM1 (NM_001281438) 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:	>RG237768 representing NM_001281438. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGACGACCTCAGGCGCCTCTTTCCAAGCCTGGTGCCAGGCTCTCGGGGCGCCTCCAACAAGTACTTG
GTGGAGTTTCGGGCGGAAAGATGTCCCTGAAGGGGACCACCGTGACTCCGGATAAGCGAAAGGGCTG
GTGTACATTCAGCAGACGGACGACTCGCTTATTCACTTCTGTGGAAGGACAGGACGTCGGGAACGTG
GAAGACGAACCAAGACAGACCAGGATGAGGAGCATTGCCGAAAGTCAACGAGTATCTGAACAACCCC
CCGATGCCTGGGCGCTGGGGCCAGCGAAGCAGCGGCCACGAAGTCTCTGCGTAGGGCGTGAGGGT
GGCCTGCAGAGCCTGCTGGGAAACATGAGCCACAGCCAGCTCATGCAGCTCATCGGACCAGCCGGCCTC
GGAGGACTGGGTGGGCTGGGGCCCTGACTGGACCTGGCCTGGCCAGCTTACTGGGAGCAGTGGGCTC
CCAGGGAGCAGCTCCTCCTCCAGCTCCCGGAGCCAGTCGGCAGCGGTACCCCCGTATCCACCACCTCT
TCCACCGTGCCACCCAGCCCCCTTCTGTCCAGCAGCTGCCTCAGCAACTAGCCCGAGCCCCGCGCCC
AGTTCCGGGAATGGAGCCAGCACAGCAGCCAGCCGACCCAGCCCATCCAGCTGAGCGACCTCCAGAGC
ATCCTGGCCACGATGAACGTACCAGCCGGGCCAGCAGGCGGCCAGCAAGTGGACCTGGCCAGTGTGCTG
ACGCCGGAGATAATGGCTCCCATCCTCGCAACCGGATGTCCAGGAGCGCCTGCTTCCCTACTTGCCA
TCTGGGGAGTCGCTGCCGAGACCGGGATGAGATCCAGAATACCTGACCTCGCCCCAGTCCAGCAG
GCCCTGGGCATGTTTCAGCGCAGCTTGGCCTCGGGCAGCTGGGCCCTCATGTCCAGTTCGGTCTG
CCTGCAGAGGCTGTGGAGCCGCCAACAAGGGCGATGTGGAAGCGTTTGCCAAAGCCATGCAGAACAAC
GCCAAGCCCGAGCAGAAAGAGGGCGACACGAAGGACAAGAAGGACGAAGAGGAGGACATGAGCCTGGAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



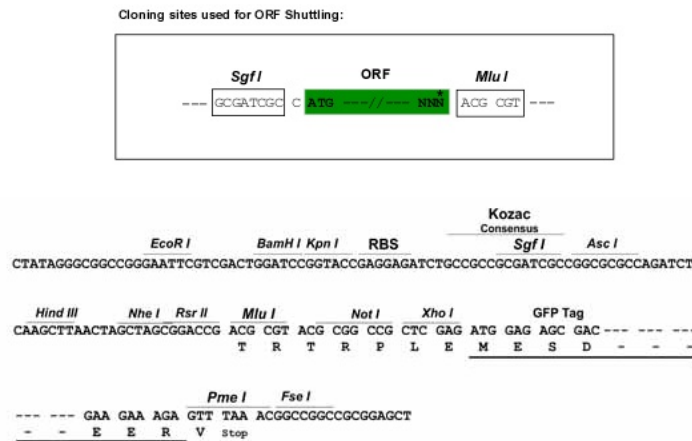
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237768
 Blue=ORF Red=Cloning site Green=Tag(s)

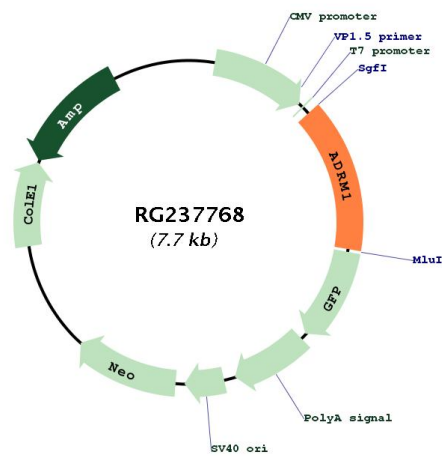
MTTSGALFPSLVPGSRGASNKYLVEFRAGKMSLKGTTPDKRKLVIYIQQTDDSLIHFCWKDRITSGNV
 EDEPKTDQDEEHCRCVNEYLNNPPMPGALGASGSSGHEL SALGGEGGLQSL LGNMHSQMLQ LIGPAGL
 GGLGGLGAL TGPLASLLGSSGPPGSSSSSSSRSQAAVTPSSTTSSTRATPAPSAPAAAASATSPSPAP
 SSGNGASTAASPTQPIQLSDLQSI LATMNV PAGPAGGQQVDLAVLTPEIMAPILANADVQERLLPYLP
 SGESLPQTAEIQNTL TSPQFQQALGMFSAALASGQLGPLMCQFGLPAEAVEAANKGDVEAFKAMQNN
 AKPEQKEGDTKDKKDEEEDMSLD
 TRTRPLEMESDEGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPGYNPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001281438
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).
RefSeq:	NM_001281438.1 , NP_001268367.1
RefSeq Size:	1379 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]