

Product datasheet for MC223011

Adrg2 (NM_001079847) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Adrg2 (NM_001079847) Mouse Untagged Clone
Tag: Tag Free
Symbol: Adrg2
Synonyms: AW212196; B830041D06Rik; Gpr64; Me6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223011 representing NM_001079847
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCTTTTCTCTGGTGGCAGTACAGCCCTGTTGGCAGACCTGAAGAGGTTTTACTGATATACAAGATAT
 TCCTTGTCATCATTTGTTTTCATGTCTCTCGTTACATCCCTGAAAGAAAACGGTAATCCAGTTTGT
 ATCACCATCTGCTGAATCATCTCTGTGCTCCTCATCCCTACTCCAATGATGCTGCTTCAGAAGTTTTG
 TCGACTTTAAACAAAACAGGAGTCAAATCCCAGAGAAATATCTGCAATTTGTCATCTTTGCAATGACT
 CAGTATTTTTTAGAGGTGAGATAGTGTTCACATGATGAAGACCACAATGTTACCCAGAATCAAGATAC
 AGCTAATGGCACCTTCGCTGGAGTCTGTCTCTAAGTGAAGTGAAGCGATCAGAGCTCAACAAAACCTCTA
 CAGACCTTAAGTGAAGTACTTTATAGTGTGTGCTACAGCAGAGGCCAAAGCACGGTAAACTGTACAT
 TCACAGTAAAACCAATGAGACCATGAATGTGTGTCATGATGGTTACTTTCCAAACTGTACAGATTCC
 GCCAATGGAACAGTGTCTGTTCCCGAGGACTCCCTGCCCTCCTCACCAGAAGAGTTAGAAAACTA
 CAGTGTGAAGTGCAGGATCCCATTTGTCTGTCTTGGCTGATCAACCGCATGGCCACCGTTATCGTCTTCCA
 GCAAGCCTGTTGTACCTCAGGCCACCATTTTCCCAGTTGCTAGTGACTTCTTTGGCTGAACCCCT
 TGATCATGCCCTTATGACCCCAAGCACACCCTCTCTGACACAAGAAAGTAACCTTCCATCTCCTCAGCCT
 ACGATCCCCCTGGCTTCCAGTCTGCCACTGACTTGCCAGTTCAATCTGTAGTGGTCTCTCTTTGCCTC
 AAAGTATCTTTCCACACCCTGTACCCGGTGCAGTCTCCATTCCCTCTCCTACCACACCAGCCCCATC
 TGTCCCTACAGAAGTGGTACCATCAGCACACCCTCCTGGTGAAGCAGTTGTCAACACTAGCACTGTTTCT
 GATCTGGAAGCCCAAGTATCCCAGATGGAGAAAGCTTTGTCTTTGGGTAGCTTAGAGCCTAATCTTGACG
 GCGAAATGGTAAACCGAGTCAAGCAACTCCTTCACTCTCCACCTGCCTTGTAGCCCTCTAGTCAAAG
 GTTGCTAAAAGTGGTAGATGCCATTGGCTTACAGCTGAATTTTTCATCTACAACATCAGTCAACTTCA
 CCTTCTTTGGCTCTTGTGTGATCAGAGTGAATGCCAGTAATTTCAATACCAGACTTTTGCAGCCCAAG
 ACCCAACAAATCTCCAGTTTCTCTGAAACCCCACTCCTGAGAATAGTATTGGTGCCATTACTCTGCC
 CTCATCACTGATGAATAATTTGCCAGCTAATGATGTAGAATTGGCTTCAAGGATTCAGTTCAATTTCTT
 GAAACACCCGCCCTGTTTCAGGATCCTTCCCTGGAGAACCCTCACTCTGATAAGCTATGTCATATCATCAA



[View online >](#)

GTGTCACAAACATGACCATCAAGAAGCTTGACAAGAAACGTGACAGTCGCACTGAAACACATCAACCCAAG
TCCGGATGACTTAACTGTGAAATGTGTATTCTGGGACTTGGGCAGAAATGGTGGCAAAGGAGTTGGTCA
TCTGATGGCTGTTCCGTCAAAGACAAGAGAATGAATGAAACCATCTGTACCTGTAGCCATCTTACAAGTT
TTGGCATCCTATTGGACCTATCTCGAACATCCTTACCACCAAGTCAAATGATGGCTCTGACATTTATCAC
GTATATTGGCTGTGGGCTTTCATCAATTTTTCTGTCAGTTACTCTTGTAACTACATCGCCTTTGAAAAG
ATCCGGAGGGATTACCCCTCCAAAATCCTCATCCAGCTGTGTGCTGCCCTGCTTCTGCTCAACCTGATCT
TCCTCTAGACTCCTGGATTGCGCTGTATAATACCCGAGGTTTCTGCATTGCCGTGGCTGTATTTCTTCA
CTATTTTCTCTTGGTCTCATTACATGGATGGGATTAGAAGCATTCCACATGTACCTAGCACTGGTCAAG
GTGTTTAATACTTACATCCGAAAGTACATCCTTAAATTCTGCATTGTTGGCTGGGCATACCAGCTGTGG
TTGTGTCCATCGTCTGACTATATCCCCAGATAACTATGGGATTGGATCCTATGGAAAATCCCCAATGG
CACACCAGATGACTTTTGTGGATCAACAGCAATGTGGTGTCTATATCACGGTTGTGGGATATTTCTGT
GTGATATTTCTACTGAACGTGAGCATGTTTCATCGTGGTCTTGGTTCAGCTCTGTGCAATAAAAAGAAGA
AGCAGCTGGGAGCCAGCGCAAACTAGTATTCAAGACCTCAGGAGTATCGCTGGCCTCACATTTTACT
GGGAATTACTTGGGGCTTTGCCTCTTTGCTGGGACCAGTTAATGTCACCTTCATGTATCTCTTTGCC
ATCTTTAACACCTTACAAGGGTTTTTCATATTCATTTTTTACTGTGCAGCAAAAGAGAATGCAGAAAAC
AGTGGAGCGGATCTTTGTTGGGAAAATTACGGCTGGCTGAAAATTCTGACTGGAGTAAAAGTGCATC
TAATGGTTTAAAGAAGCAGACTGTAACCAAGGAGTATCCAGCTCTTCAAATTCCTTACAGTCAAGCTGT
AACTCCACTAACTCCACCACACTCCTAGTGAATAGTGATTGCTCAGTGCACGCAAGCGGGAATGGCAATG
CATCTACCGAGAGGAATGGGGTTTTCTTTCAGTGTTCAGAAATGGAGACGTGTGCCTTCATGATCTCACTGG
CAAACAGCATATGTTTAGTGACAAAGAGGACTCCTGCAATGGTAAAAGCCGGATAGCGCTCAGAAGGACT
TCGAAGCGGGGAAGCTTACACTTATCGAGCAAATGTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001079847

Insert Size: 2979 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_001079847.2](#), [NP_001073316.1](#)

RefSeq Size: 4672 bp

RefSeq ORF: 2979 bp

Locus ID: 237175

Cytogenetics: X F4

Gene Summary: Orphan receptor. Could be involved in a signal transduction pathway controlling epididymal function and male fertility. May regulate fluid exchange within epididymis.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) uses an alternate in-frame splice site and lacks an alternate in-frame exon, compared to variant 1. The encoded isoform (3) is shorter than isoform 1.
Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.