

## Product datasheet for **MC222494**

### Adgrd1 (NM\_001081342) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adgrd1 (NM_001081342) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adgrd1
Synonyms:	E230012M21Rik; Gpr133
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC222494 representing NM\_001081342  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAGGATCTTCCAGCATTCCCTTGCAGCTGGGTCTGGCTACTCTGGTCTTTTGCAGCGTCCAGGTGT  
 GTAGCACTCAGCCAGAGCCAGGAACATCCAGGCTTTGCGGTCTTGGCTTCTGCTTCTCATTACTGGCC  
 ATTGAAAATGTGGATGGGATCCTTGTAGCTTCCAGGACACAACCTGGAGCGCTGCGAACCTCAACCTCACT  
 GTGCCTCTCTCCACAATGCTACTTTTGTCTTTACCAATGACTCTGCCTACTCCAACCTTGTCTGCGACTG  
 TAGATATCATGGAAGGGAAGGTGAACAAAGGCATTTACCTCAAGGAGGAGAAGGGCGTGACGTTTCTCTA  
 CTATGGCACCTACAAGTCATCCTGTATTAGCAACCCGCCCCAGTGTGGACCAGAGGGAGTGACATTTTCA  
 TTCTTCTGGAAGACTCAAGGAGACCAGACCCGACCAGCCCCGTACGCATACGGGGGACAGGTCGTCTCTG  
 ACGGGTTCAAAGTCTGCTCTAGTGGTGGAAAGGGCTCTGTGGAGCTGTACACACGTGATAATTCCATGAC  
 GTGGAAGGCCACCTTCAACCCTCCGGTCTTACTGGACTCACGTCTTTCACGTGGAAATCCAAGGAG  
 GGCTTGAAGTCTACGTCAATGGGACTCTGAGCACCTCGGACCCAGCGGAAAGTGTACACACCTACG  
 GGGATCCCCACGTCAACCTGGTCAATAGGGTACAGCAGGACCAGACCAAGCGTTACGAAAACGGAGCTTT  
 TGATGAATTCATCATCTGGGAACGGGCACTGACTCCTGACGAGATCAAGATGTACTTTACCGCTGCCATT  
 GGTAAACATGCTCTGTTGTCTTCAACACCACCAGCGATGCCACCACACACCGTGATACCCACAGATG  
 CCTACCACCCTATCATCACCAACCTGACCGAGGAGAGAAAACGCTTCCAGAGACCGGAACTGTGCTGAG  
 ATACCTTCAAATGTGTCCCTCCGCTTGCCCAATAATCCCTCTCAGAGGAAACGGCGTGAACCTCACA  
 GAGACCTTCTTAAAGAACGGTGGGTGAGGTCCTCCTACTGCCAGCTGGACCCATGAATCAGAGACAACG  
 CCACTGACGCTGGGCTGGTTGACACCATCGATACCGTCAATGGGCCACATATCATCCAACCTACAGTCCAG  
 AGAACCCCATGTACCCCTCACAGGCTCGTCTCCACGGCAGAATTCACTGTGGCCAAGGTCTCCACCA  
 GCGCTCAGTGCTCCCACTATAGATTCCAGCCATGGGCATAGTACATTGAAATTCAGAGAGAGGCC  
 TTCACAGCCAAGCCTGGACCAGATTGTCGGCCTTCTCTACCACACCATGCACTATTATCTGAAAAACAT  
 CCACCAACCAGCACAGAGATCCCCGAGGCTGTGAACTGCAGAGACTGCCTGCTGTCTGTGCGCCAGCCAC  
 CTGATCTCCCTGGAGGTGTCCCAACCACCCTCTGTCCAGAACCTATCCGGCTCTCCTCTGATCACTG  
 TGCATCTCAGACACAACTGACTCAAAGCAGTACAGCGATGCCACCAATGAGAGCAACCGTCTCTTCTCT  
 GTATTGCGCTTCTTAACTTCACTCCGGGGAAGGCGTCTGGTCCAGCCAGGGCTGTGCACTCACAGAA  
 GGAAATCTCACTATTTCAGTGTGCCACTGCACACCTCACCAACTTCGCCATCCTCATGAAGTGGTCC  
 CACTGAAGCTCACACATGGACACCAGGTGGCGCTGTCTGCATCAGTTAGGTTGGCTGCTCTGTGCACT  
 TCTCTGCCTGGCTGCCACCCTGGTCACTTTCGAGTACTGTCTTCTGTGACACCATTCCGAAACCAGCGT  
 TACCACATCCACGCCAACCTGTCCTTCCGCTGTCCTGGTAGCCAGGCTTTGCTGTGATCAGCTTACGCA  
 TGGAGCCTGGCACGGTCCCGTGGCAGGTGCTGGCTGTCTCCTACATTACTTCTTCTGACCGCCTTTGCT  
 TTGGATGCTGGTGGAGGGACTACATCTACAGCATGGTGATAAAGGTCTTCCGCTCAGAGGACAGCAAG  
 CACCTCTACTACTATGGGATAGGCTGGGGTGCCTCTCCTCATCTGCATCATCTCCATATCATCTCTA  
 TGGACAGCTATGGACAAGTGACAGCTGCTGGCTGGCTCTGGGGAGTGGCGCTATTTGGGCTTTGTGGG  
 CCCGGCTCTGTTGGTCATTGTGGTCAACATTGTTATCCTGGTTGCTGTGACGAGGGTCACTCCACATC  
 AGCACTGATAGCTACAAGATACATGGGGACCCAGTGCCTTCAAGTTGACAGCCAAGGCTGTGGCTGTGC  
 TGCTACCCATTCTGGGGACCTCATGGGTATTTGGGGTGGTGGCGTCACTGACCGGGCCCTGGTCTTCCA  
 ATACATGTTTGGTATACTCAACTCTTTACAGGGCCTTTCATCTTTCTTTCACTGTCTCCTGAACTCA  
 GAGGTAAGGGCTGCCTTCAAGCACAAGACCAAGGTCTGGTCCCTCACGAGCAGCTCTGCCGGACCGCGA  
 ACACGAAGCCTTTCAGTTCAGACACCGTCAATGGGACCCGTCCAGGCACGGCATCAAAAGCTAAGCCC  
 TTGGGATAAGAGCAGCCATTCTGCCACCCTGTGACCTATCCGCTGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja3388\\_d03.zip](https://cdn.origene.com/chromatograms/ja3388_d03.zip)

**Restriction Sites:** SgfI-MluI

<b>ACCN:</b>	NM_001081342
<b>Insert Size:</b>	2712 bp
<b>OTI Disclaimer:</b>	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).
<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>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001081342.1</a></u> , <u><a href="#">NP_001074811.1</a></u>
<b>RefSeq Size:</b>	5163 bp
<b>RefSeq ORF:</b>	2712 bp
<b>Locus ID:</b>	243277
<b>UniProt ID:</b>	<u><a href="#">Q80T32</a></u>
<b>Cytogenetics:</b>	5 G1.3
<b>Gene Summary:</b>	Orphan receptor. Signals via G(s)-alpha family of G-proteins.[UniProtKB/Swiss-Prot Function]