

## Product datasheet for **MC222538**

### **Adgrf1 (NM\_133776) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Adgrf1 (NM_133776) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adgrf1
Synonyms:	5031409J19Rik; Gpr110; KPG_009
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >MC222538 representing NM\_133776  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGAATTGGACTTCTGTGGCTCGTCCCTCTCTTACGCTCACTGAGGGCACCGATGGCTTCTGCAGC  
 AGAAAAATGATGGCCGAAGAACAAAAGAAATTGTCAGTATGGTTGAGGAAAGGCATCCAGTCCACGAGTA  
 TGAGGTGCTACTGCAGGTGACATACAGAGATCCAGAGGAGAAGAGAGAACTGAAGAGATTCTGAAGCTC  
 TTGAAATCTCCGTCGCCGAGTTTACGTGGTCCCAGCAAGATCATCAGAGTGAAGGCCACCACATACTGCA  
 GAAGCCGAAAAGGGTTCTGGAGTGTGCCTGCGAAGACAGCTATACGTGGTTTCTCCCTCCTGCCTTGA  
 CCCCCAGAACTGCTGCCTTACACAACCTGGACCCGTCCTCAAGCTGCAATTGCTCTCTCAGAGGCCTCAGG  
 CAGAGCATTAAATTTCTGTGAGAGAGCAAAGTTTGGGGCACTTTTGAATCGATGAAAAATTTCTGAAG  
 ACCTTTGGAATTCATCATCTGATGTATATGCCACTACACAGTTGGAATTGAAAAACAATTAAGAAGC  
 GTACAGAAGAGTCCATGGTTTTGAGTCAGTTCGGGTACCCAATTCGGAAGGGAAGCATCGTTGTTGGC  
 TACGAAGTGACCCGCTCCACTAGCCCTCCAGAACTCCTCTTTGCCATTGAACAGGAGGCCAAAAGGCAC  
 AGGAGGCCCTAAGGAGGAGTTTCCAGTCAAATATGGCTCTTTTCGAGTATTCGGGAAAGCTCCGTGTAA  
 CAGCATCTCCTTTGGATTTCGGTCTGAGAATGATGAATATACTGTGCCCTGCAGCAGTGGCTTACAGGA  
 AGCATGACGGTCAAGTGCAGTCTCTGGTGGCAGATCACAGGGAGTCTGTGTGCTTCTCAGCTGG  
 AAGAACTGAAGAAGGAGCTCAGGATGATCGCAGGCAAGATCACAGAGGCGGGTGTGGCATCTTGGTGCA  
 AAACCTTTCCACCATCTTTTGCAGTCCATCGACCACAGTTGGAACTGGGCTCTGTGGTGTCACTT  
 CTGAGCAACATTTCACTCCTGTGCTGGCAAACCTTTAACTGTGTCCAATCTGACACTGATGAACGTCA  
 TCAACATAGCTGATCATATCCTGGATTACGCTCCATAACGAACCTGGACAATTTTATTACAAGATGCAAA  
 GGATGCCAGTCCCAGCTACTAAAGACATTGGAAAGCATCAGTAGTCTCATCCCTTCCATGGCTCTGCCT  
 CTTAATTTTTCTGAAAAATTCATTGACTGGAAAGGACCCAGTGACCCAAATCCAGAGCACACGGGGCT  
 ACAACTATCAGATGAAAAAGAGACAAAATGCCTCTCTGCCTATCCGAGGCCACGTGTTTATTGAACCAGA  
 TCAATTCAGAAATCGCATCCAAAGACTATTATCAGCATGGCCTCATTGACCTTTGGGGACATTCTACCC  
 ATTACCCAGAGAGGAAATGCATGGGTCAATGGCCAGTATATCCACACTATTCAAACCTATTCCATCA  
 GCGAAATTTCTGAACCTTTCCAAAATAAAGGGAAACCTGACTCAGCCTCGCTGTGTGTTTGGGATTT  
 TAGCCAGTTGCAATGGAGCAATGCAGGCTGCCAACTGGTTAATGAACTCTGGACACGGTACTGTGCCGA  
 TGTAGTCACTGACCTCTTCTCCATGCTCATGTACCCTTTGTCCCCTTCTGTGTGTTCTGTGGTAA  
 AATGGATCACGTACATAGGGCTGAGCATCTCCATTGCAAGTCTAATCTTATGCTTGATCATCGAGTCTCT  
 GTTTTGGAAGCAGACCAAGAGAAGCCAAACCTCTACACACGCAACATTTGCCTGGTGAACATCGCCGTG  
 TCACTCTTAATTGCTGATGTTTGGTTTATCATTGCTGCCACTGTGGACCCCTCTGTGAGTCTTCTGGAG  
 TCTGTGTGGCTGCGGTGTTCTTTACCCACTTTTTCTACCTTGCCGTATTCTTTGGATGCTGTTCTGGG  
 CATCCTGCTGGCTATCGAATTATCCTAGTGTTCATCACATGGCTCTGACTACCATGATGGCTATTGGC  
 TTTTGCCTAGGCTATGGGTGCCCTCTCCTTATATCCATCATCACCTTGTGTCAACCAACCTAGCAATA  
 GCTATAAAAGGAACGATGTGTGGCTTAACTGGTCTGACAAGAGCAAACCTCTTTGGCGTTCGTTGT  
 TCCCGCTTGACTATTGTGGCTGTGAACCTGGTTGTGGTGTGCTGGTCCCTCAGGAAGCTTTGGAGGCCA  
 GCAGTTGGAGAAAGACTGAATCAGGATGACAAGGCCACTGCCATCCGCATGGGAAAGAGCCTCCTCGTGC  
 TGACCCGTTGCTAGGGCTCACCTGGGGCTTTGGCATAGGAACAATGGCGAACAGCCACAATCTGGCTTG  
 GCATGTTCTTTTTGCTTACTCAATGCTTTCAGGGATTTTTCATCTTCTGTTTTGGAATTTCTCCTGGAT  
 ACCAAGCTGCGGCAACTTCTGTCCAACAAGTTGACTACATTAAGTTTATGGAAGCAAACATAAAACGGGA  
 ACGCCTCAGATACAGTTACTCAGCCGAAATGCTTAAGGACATTCAACATACTACAGCACAGAGGCATGTA  
 TGCACCTTCTCATACTGGAGATTCGTCAGTGACATCACATTAACCCAGTTTCTATCAACCGAATA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_133776

<b>Insert Size:</b>	2727 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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></p>
<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>	<a href="#">NM_133776.2</a> , <a href="#">NP_598537.2</a>
<b>RefSeq Size:</b>	3504 bp
<b>RefSeq ORF:</b>	2727 bp
<b>Locus ID:</b>	77596
<b>UniProt ID:</b>	<a href="#">Q8VEC3</a>
<b>Cytogenetics:</b>	17 B3
<b>Gene Summary:</b>	Orphan receptor.[UniProtKB/Swiss-Prot Function]