

Product datasheet for **MC220601**

Adgrf4 (NM_030067) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adgrf4 (NM_030067) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adgrf4
Synonyms:	4632435A09Rik; AV239010; Gpr115
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220601 representing NM_030067
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGCCCTGGATTGCCATGGTTTGTGTTTTAGTATTTTTCTGACAACAGAATGTTCTCATTCCAAC
 CCAAGACTCACAGAAAAGATGAAGATAAATTTCAAATATCTCTACAGAAGCATGAGTTTAGACCAAGACA
 GGGTAAATGTGATGGACTGTGCAGCTCTTCTTCCAGCTGTAACCCAGAGCTGTCCTTGGAACCTCCGTGGA
 GAAATCGTATTCACATGTAATCAAAACAAATGGCAAAAAACAATCGAAACATGCACAAGTCTCTGTGG
 ACACCTTGTTCAGCGCATACATCCTGCAGCTAGCCTATCCTTGGCGTCTTCTTGTTTTTCCCATGAG
 CTTAATTGGCAATGCAGCACCAGTCCATATTGGAAATGTATTTCAAGGAATCCAAAAGTACTGCCCGAG
 GACTACGTTTGCATTGTTGATGCTGTGAAATCCTCTGCAGTTACATCTGGAAATATTGCATTATAGTAG
 AGTTATTAATAAATATCTCTTCAAACCTGCAAACCTTCTGGAATACATGATAATGTGAATTGGAAGAAAAT
 GAAGAACTATGGCAAAGTGGCCAACCATATCCTTGGCCCCACTGCCATTTCAAATGGGCTTTCATTGCC
 AACAAAAATGCCAGCTCAGATCTGTTGGAGTCGGTGAACCTTTTTGCCAAGAAAATCCAAATCCAAGGTA
 AATCTGAGAGCATCGTAGATGAACCTTTTATTACAGACGAAAGGCTCTCGTATCTCTCACAGTTCCCTCAGA
 GCACAGCCTCAGCCTCTCTGTACCCAGGTACAATGCTACAGAAGATGCTTAGTGGTGATCGAAAATCCT
 AGGCAAGCATTACAGGAGCTGTCGTTCAATGCCTCCCAAGCCATTGTTGTCGCTTTTCCAACCTTGGGGG
 CCATTCTAAAAGAAGTCCATCGGCCAAATACAAATCTCCAAAAGCCTATAGATGACCTCATCCTATCACT
 GGTTTTGCCAGAAGGTCTGAACGAAATCATACTCACCTTTGATAAAATCAATAAATCCCAGAGCACCAGC
 AGCCAGTGTGTCAGCTGGGATCCTGCAACAGGGCAGTGGGATGAGAGCCCATGTACAGTGATGTCAGACA
 TCAATAGCACAGTGAAATGCCGGTGCAGGCACCAAGCTGTGACGTCCTTCTCCATCCTCATGTCTTC
 TAAGCCTGTAAGAATACGATTCTGAACCATATCACCTTCATTGGACTCAGCATCTCCATCTTTAGCTTG
 GTGCTCTGCCTGGTCATTGAGGCCATCGTCTGGTCCCAGGTTGGTTTACAGAGATATCCTACATGCGCC
 ACGTGTGCATCGTGAACATTGCAGTGTCCCTCCTGACTGCCAATGTGTGGTTCATCATTGGCTCCAACCT
 CAGTGCCAACGTTACAGGAGGATCACAAGTGGTGTGGCTGTGACATTTCTTCCACTTCTTCTCCTC
 TCCCTGTTCTTCTGGATGCTCTTCAAAGCGTGTCTCATAGTCTATGGAATACTGGTTGTCTTCCGCAGGA
 TGATGAAGTCTCGGATGATGGCCATTGGCTTTGCCATTGGCTATGGGTGTCCCCTTGTGATCGCGGTCAT
 CACTGTTACTGTCACAGAGCCTGGGAAGGCTACACCAGAAAAGATGCCTGTTGGCTTAATTGGAACCAA
 ACCAAAGCCCTTTTTGCTTTTGTATCCCAGCCTTGGCCATTGTGGCTGTGAATCTCCTTGTGGTCTGG
 CAGTTGCTATCAACACACAGAGGCCCTTGATTGGCAGTTCAAATCTCAGGATATGGCCATTGTTTTAG
 GATCAGCAAAAATGTTGCCATCCTACCCCACTTCTGGGACTGACCTGGGGTTTTGGTCTAAACCCCTG
 CTAGAAGGCGTACACCTGGTATTCATATAATCTTCGCCTTGCTCAATGCTTCCAGGGCTTTTTCATCT
 TGCTGTTTGGTACCATTATGGATCACAAGATAAGAGATGCTCTGAGGATGAGGGTATCTTCATTGAAGGG
 GAAATCAAGGGCAGCAGAGAAGGTGTCATTAAGTCCAGCCAATGGATCCAGAATACTGAATCGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_030067
Insert Size: 2097 bp

OTI Disclaimer: 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 custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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_030067.2](#), [NP_084343.1](#)

RefSeq Size: 3064 bp

RefSeq ORF: 2097 bp

Locus ID: 78249

UniProt ID: [Q9D2L6](#)

Cytogenetics: 17 B3

Gene Summary: Orphan receptor.[UniProtKB/Swiss-Prot Function]
 Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, 3, and 4 encode the same protein.