

Product datasheet for **MC228709**

Adgrf4 (NM_001289500) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adgrf4 (NM_001289500) 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: >MC228709 representing NM_001289500
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGCCCTGGATTGCCATGGTTTGTGTTTGTGTTTCTGACAACAGAATGTTCTCATTCCAAC
 CCAAGACTCACAGAAAAGATGAAGATAAATTTCAAATATCTCTACAGAAGCATGAGTTTAGACCAAGACA
 GGGTAAATGTGATGGACTGTGCAGCTCTTCTTCCAGCTGTAACCGAGAGCTGTCCTTGGAACCTCCGTGGA
 GAAATCGTATTCACATGTAATCAAAACAAATGGCAAAAAACAATCGAAACATGCACAAGTCTCTGTGG
 ACACCTTGTTCAGCGCATACATCCTGCAGCTAGCCTATCCTTGGCGTCTTCTTGTGTTTTCCCATGAG
 CTTAATTGGCAATGCAGCACCAGTCCATATTGGAAATGATTTCAAGGAATCCAAAAGTACTGCCCGAG
 GACTACGTTTGCATTGTTGATGTGTGAAATCCTCTGCAGTTACATCTGGAAATATTGCATTCATAGTAG
 AGTTATTAATAAATATCTCTTCAAACCTGCAAACCTTCTGGAATACATGATAATGTGAATTGGAAGAAAAT
 GAAGAACTATGGCAAAGTGGCAACCATATCCTTGGCCCCACTGCCATTTCAAATGGGCTTTCATTGCC
 AACAAAAATGCCAGCTCAGATCTGTTGGAGTCGGTGAACCTTTTTGCCAAGAAAATCCAAATCCAAGGTA
 AATCTGAGAGCATCGTAGATGAACCTTTTATTCAGACGAAAGGCTCTCGTATCTCTCACAGTTCCCTCAGA
 GCACAGCCTCAGCCTCTGTACCCAGGTACAATGCTACAGAAGATGTCTTAGTGGTGATCGAAAATCCT
 AGGCAAGCATTACAGGAGCTGTCGTTCAATGCCTCCCAAGCCATTGTTGTCGTTTTCCAACCTTGGGGG
 CCATTCTAAAAGAAGTCCATCGGCCAAATACAAATCTCCAAAAGCCTATAGATGACCTCATCCTATCACT
 GGTTTTGCCAGAAGGTCTGAACGAAATCATACTCACCTTTGATAAAATCAATAAATCCCAGAGCACCAGC
 AGCCAGTGTGTCAGCTGGGATCCTGCAACAGGGCAGTGGGATGAGAGCCCATGTACAGTGATGTCAGACA
 TCAATAGCACAGTGAAATGCCGGTGCAGGCACACCAAGCTGTGACGTCCTTCTCCATCCTCATGTCTTC
 TAAGCCTGTAAAGAATACGATTCTGAACCATATCACCTTCATTGGACTCAGCATCTCCATCTTTAGCTTG
 GTGCTCTGCCTGGTCATTGAGGCCATCGTCTGGTCCCAGGTTGTTTACAGAGATATCCTACATGCGCC
 ACGTGTGCATCGTGAACATTGCAGTGTCCCTCCTGACTGCCAATGTGTGGTTCATCATTGGCTCCAACCT
 CAGTGCCAACGTTACAGGAGGATCACAAGTGGTGTGGCTGTGACATTTCTGCCACTTCTTCTCCTC
 TCCCTGTTCTTCTGGATGCTCTTCAAAGCGCTGCTCATAGTCTATGGAATACTGGTTGTCTCCGCAGGA
 TGATGAAGTCTCGGATGATGGCCATTGGCTTGGCATTGGCTATGGGTGTCCCCTGTGATCGCGGTGAT
 CACTGTTACTGTCACAGAGCCTGGGAAGGCTACACCAGAAAAGATGCCTGTTGGCTTAATTGGAACCAA
 ACCAAAGCCCTTTTTGCTTTTGTATCCCAGCCTTGGCCATTGTGGCTGTGAATCTCCTTGTGGTCTGG
 CAGTTGCTATCAACACACAGAGGCCCTTGATTGGCAGTTCAAAATCTCAGGATATGGCCATTGTTTTAG
 GATCAGCAAAAATGTTGCCATCCTACCCCACTTCTGGGACTGACCTGGGGTTTTGGTCTAAACCCCTG
 CTAGAAGGCGTACACCTGGTATTCATATAATCTTCGCTTGTCAATGCTTCCAGGGCTTTTTTCATCT
 TGCTGTTTGGTACCATTATGGATCACAAGATAAGAGATGCTCTGAGGATGAGGGTATCTTCATTGAAGGG
 GAAATCAAGGGCAGCAGAGAAGGTGTCATTAAGTCCAGCCAATGGATCCAGAATACTGAATCGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAATCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001289500
- Insert Size:** 2097 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<ol style="list-style-type: none">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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001289500.1</u> , <u>NP_001276429.1</u>
RefSeq Size:	2977 bp
RefSeq ORF:	2097 bp
Locus ID:	78249
UniProt ID:	<u>Q9D2L6</u>
Cytogenetics:	17 B3
Gene Summary:	Orphan receptor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR, compared to variant 1. Variants 1, 2, 3, and 4 encode the same protein.