

Product datasheet for **MC223022**

Adgrf3 (NM_001014394) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adgrf3 (NM_001014394) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adgrf3
Synonyms:	Gm1041; Gpr113; Pgr23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223022 representing NM_001014394 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTCTCTAGCTCTCTCCAGCTGCTCCTGGCCGTGACTCTTCCCCTGCTGGAGTTGGAGCCAACAT
TTGTCCCCACAGCCCAATCAGAGCTCAGTCCATATGGAGGGAAATCTGGGAGCAACTGAACCACTACAG
TGGAGAAGGGGAATCAGTGTCTCCAGCTATGTGCATCTGGAATTTCAAGCACAGCCTGGCCACAG
GAGCTCTCAAAAACCTTACTCTTCTACCGCCCTGGCAGTCTTCCCCGAAAACGCTTACTGGCCTTG
GCCTTACAACAGAGTGTCTGTCTAACCACAGCGGAACCAAGCCTCTGCACCTGCCACCTGGCTACCAATG
GAATGCCACACTTTGTTCCCTTTACCCACACTGCTGGGGCCGAGGTGAGAAAGAGATTCCTGTATGTGT
CGCAGCTTCCACGGTCTGTTACTGGCTACTGCCAGTTGCTGCCACCTGTTCTCTGCAAACTGATACTGG
ACTCCCAGCTGCAAAATGCACGGCAACACCTGAACCTCATTCTCCTCAAGAAAAGAGGAAGCCACAAACCT
GAGATGGTTCTTGAGACTCAAGAACCACACACCCATCAGCCTATGGCCAGGGACCAATGTGTTGCAG
ACGTCCAGTGAGGGCCAGTCTGGCCTTCGTGTGCGCCGCATGTCCCGTATTGGGAGGTGAGTACGAGA
GCATCTTCGAAGCCAGGGGTTCAAGTGGAGGCTGCGGCAGTGGTGAAGGTGCCCTTGCAGGAGGAAGA
AGTCGTTGCACTCCAGACGCCCTGTCCATCTCCTGTACTGCCTCACTGGCTTTCAGCTGAGCTGCTGC
ATCCCACCTACAACAGACTACACTGCTACCTGGAGTCTGGGGAGGACAGCCAAGCCTCCTTGCAAAAA
TGTGGATTCCCAATGCTTTGTGCTAGCTGTTCCGCACTGCCAGCAACCAATACCACATACACCTGTAC
CCTTCAGAGTCAGAACCTGCCTCCTCTCGTGGCTCCTGTCTCTATCACGATTATCCAGGATGGAGACT
ACCTGCCCTGAGGACTTCTCAGTGGTTAGCTGGAATGTCACCAAGGCTGGCTTCGTGGCAGGCCCCAT
GTCCTGTGAATAAGAAAGGTGTGGTAAAGAGGCTCTGTGGGACTGATGGCATCTGGAGGCCAGTCCAGAA
CACCTGCACAGAAGCAAAGATCCTAACCTTGTGTCTTAAAGCCAAGCTGCTGGAAGGCCAGGAAAGCCC
TACGAGGAAGTCCATGGATCTTGAGTGTGCTGCAAGAGCAGGTGGGCGTGGCCAGCACCCCTCTGACT
TATGGGAAATGCTGCACACTGTGACCTTACTGGCCAAGTGGTAGCAGAGACAAGCACAGAGCTCACAGG
CAGTGTCTGAAGGACCTCTGACGACCACAGACAAGATTCTAGACGCGAACATCAGCGCTCTGTGGACT



[View online »](#)

```

CTGCCCCAGGCCAGGAGCCCTCCATGGGCTCAGATTTCTGAAGGCTGTGGAGACCTTGGTTCACAGCT
TAAGACCAACAACAGCATCCTTTTTCTTCAGCTCAGCTAATGTGCTACTGCAGAGCCAGCTCCTCAGACA
CTCCTCTCCTCTGGCTACCAAATGTCCTTCTCCACCTGGCCCCTGCTGCAGGCACGGATTCCATGGCAT
TCACTGGCCCCACTGGTCCATAGTGAACAACTAAGTCACTATTACTAGCCTAGTACTGCAAAAAGCTGGACT
ACCGGCTGCCCTCAAACACACAAGGGCTGTGGAACACCCCATACACCACCCCTGGGCTGATCCTTGT
GGTCTCCATAACAGCAGACGGCCAGGCTTACGCAGGCAGAAAGTTATCATGGACTATGAAGACATGAAT
GGAACCCCTTCACTGTGTGTTCTGGGACCACAGGCTTCCAGGGTCAGGGAGGTTGGTCAGATGAAGGGT
GTGAGGTACATGCAGCCAATGCCAGCATCACTCAGTGCATTTGCCAGCATCTCACAGCCTTTCCATCCT
CATGTCCCAACACACTGTCCAGAAAATCCACCCCTGGACCTGCTGAGCCAGGTGGGTACGGGGCTTCC
GTCCTGGCTTTGCTCGTCTGCCTGGCTATTTACGGGCTGGTGTGGAGAGTGGTGGTCCGGAACAAAGTCG
CCTTCTCCGCCATACCACCTGTTTAAACATGGTATCTGCTTGGTGCAGACACATGCTTCTTGGG
AAGCCCTTCTTCTCAGGCTACCACAGCCTGATCTGCCTAGTCACTGCTTCTGTGTCACCTTTTTT
TACCTGGCCACCTTTTTCTGGATGCTGGCAGGCCCTGGTGTGGCCACCAGCTGCTTTTTGTCTCC
ACCAGCTGTCCAAGCACGTAGTCTCTCACTGATGGTGTGCTGGGCTACCTGTGCCACTGGGGTTTG
GGGTGTACCCTGGGCTTACTTGCCTCAAAGGAAATACCTGTGGGAGGGGAAATGCTTTCTGAACGGA
GGTGGCGTCATGCTGTACAGCTTCACTGAGCCAGTGTGCCATCGTCCGTGTCAACGGGCTGGTCTTG
TCATCGCTGTGCTGAAGCTGCTGCGACCTTCACTGTGAGAGGGGCCACAGTGGAGAAGCCCAAGCTCT
TGTGGGGGTGCTTAAAGCCCTGCTTATTCTCACACCCATCTTTGGCCTCACTTGGGGACTGGGCGTGGCC
ACTCTGTTTGTAGGCTCCATAGTCTCTCACTACGCCTTTTCCATTCTCAACAGCCTCCAGGGTGTCTTCA
TATTAGTGTGGCTGCCTCACAGACAAGAAGTACTAGAGGCCCTTGGCCAAACGATTGCCAGGCAGCCG
GTCCTCTAACTCTGCCATCTCCATGGTCACAAATGAAACCTATACCTCAGAACACAGCAAAGAAAGAAGT
GAGCCTGCCAGTTATGAAGAAAGGATGACTGAT TGA

```

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2070_b06.zip

Restriction Sites: Sgfl-Mlul

ACCN: NM_001014394

Insert Size: 2976 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_001014394.2](#), [NP_001014416.2](#)

RefSeq Size: 3108 bp

RefSeq ORF: 2976 bp

Locus ID: 381628

UniProt ID: [Q58Y75](#)

Cytogenetics: 5 B1

Gene Summary: Orphan receptor.[UniProtKB/Swiss-Prot Function]