

Product datasheet for **MC202740**

Adgrg3 (NM_173036) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adgrg3 (NM_173036) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adgrg3
Synonyms:	A030001G24Rik; AW214383; Gpr97; Pb1; Pb99
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC064726 sequence for NM_173036
 GAGGGACCACACAGCCATAGAACTTCGCTGAGCACTGATGGCGACAGCCAGGAGTCTGGGCCTCCTGTTC
 TTTCTGCTGCTGACTTCAGATGAGGAGACCACGGAAGAGCCGAGGAATGTCTGCCGTCCGCTTCAGGAGG
 GCCACGAGTATGACACCTTCGACTTGAATGACACTGCTCAGTGTTCACCAAGTGTGGGCAATCGGAGCA
 CAGCCCCGTGTGACGTGGGGAACCTGCAGAGATACTGGTTGAACTATGAGTCTACCTGCTGGAGAATTCC
 ATGGAGACTGTGGACATGCCTTTTGTAAAGGCATTGATCCAGAACATCAGCACGGATGTCTCAGAAGACC
 TGCTGTACTCTCTGATGCTTTCCAGATCCCAGGCAGGTGATGCAGGGTGAGGACGAGCCTGCTGATGG
 AGTCCGACTTCCAAGAGCCTGTTTGGAGCCCTGCCGCAACAGGTCTGCAGTCCGGTTGGCCATAACT
 GTTCTAGACATTGGTGCAGGGAATGTCTTTAAGGGCCCCAAGCTCCTTGAGGACAAGGGCAGCAGCGTGT
 TGAACAACCCGATGGTGGGTTTGGAGCGTGGGCCAGATGCACGCCACCGGGCTGTCGGAACCTGTAGAGAT
 CACCTTCTCCCATGAGCGTCAACCACCTAACGTGATCCTCACCTGTGATTCTGGGATATGGCTAAAGGA
 GACTGGGATTCACCGGTGCTCCACGGTCCCGGGATGGGAGAACTGTCTGCCGTTGCGACCACTTGA
 CCTTCTCGCCTTGCTGCTGAGGCCGATCTTGGACCTGGCCACGGCACAGACTCTACTCGCATCTCCCA
 GGCAGGCAGTCCGCTCCATGATCTTCTGGCCTTACCATGGTCTCTATGTTGCCTCAGGTTCTCT
 CTGCAGAGGCTCAAGTCTGAAGATGCCCTAAGATCCACATGGCTCTGAGCATCAGCCTGTTTCTCCTGA
 ATCTTACCTTCTGATCAATGTGGGGAGCAGCTCCAAGGCCCCAGCCTCCTGCTGGTCCGAGCTGC
 CATTTTCCACTACTTTCTGCTCTGTGTCTTACCTGGATGGGTCTGGAGGCCCTCCACCTTACCTGCTG
 GCCATCAGAGTCTTCAATACCTACTTTGGACACTATTTCTGAAGCTGAGCCTGTGGCCTGGGGCTGC
 CTGTTCTGTAGTTATTGGTGTGGAAGTAGCAACAGTTATGGAGTTTACACCATTCCGACCCAGGAGAA
 CCGCACATCACTGGAGTTGTGCTGGTCCAGAAAGAGCCTGCTCTTTATGCTACTGTCCACGGCTACTTC
 CTTGTTACCTTCTTCCGGTGTGTTACTGGCTTTGGTGGCCTGGAAGATCTTCACTCTGCCAGTG
 TCACAGCGGGCAAAGGACAGGGCCGACCTGGAAGTCGGTCTCACCGTGTGGCCTCTCCAGTCTGGT
 GGGCATGACCTGGGGCTGGCTGTTCTCACCCCTCGGCTTGTCTACCATCTACGTCTTCAACCCTTTA
 AACTCTCTACAAGGGCTCTTCTCTTCTGCTGGTTCATCATCTCTACTTCCCTACTCAGAGCACCACAG
 CCTCTCTCCGACCCGCGCTGGACCAGGCCACTCCGTGTCCAGGAGTAGATGATGGGTGGCTG
 CAGTTTGTCTCACTTCTGGCTGGTGTGTGACCTTGAACAGCTCCCTACTTCTTCTGGGCTCCACTG
 TCTTCTGTACAGGATGTCCAAGGACGGAGGGTGAGGACCAAGCCAGGCCCTGTGGCTTCAAAGTTC
 CCATTCAGGAGGCTGGAGACTTGACTTGAAGAGGACACTGGTTCAGTTCACAGCACCCACATAACATCTC
 TCAGCTGTCTGTGACTCTAGTTCCAAGAGATCTGACGCTGTCTCTGGTCTCCAAAGAGTACCAGGCATG
 AATGTGCTGGATATATACATGTGCCACTCATAATATAAAATAGAAATTAATAAATAATTTTAAACAGCT
 CCCATTCCGATGTGTTTATGGGTCCAAAAGCTACAAATGCAGATCTGCAGGACTCAAAGTCCCTGTAA
 GCCTTGGAGCCCCAGCCAACAGTGTATCTTTACCCCTGTTGCTATGGTGACAGATCTCTAGAGCTAAGC
 AGCTGTGGACCCTTTAATTCACCAGGAGAGAACCCAGAACCCGGAGGCTTGTCCATCTATATATGGCCA
 AGGGGGAAAAGGGAGAAAAGCAGCTCTTCCCACGACGCTGTACTCTTATGGGACAGCCTTACCAACCA
 TTTCAACCCAGCCTGAGCATCAGGCCTGGCTGTGTCAAGCCAATAATTGTACACATTTAAATAAACAAA
 TAATTGTTGACTGAGCAAAAAAAAAAAAAAAAAACAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_173036

Insert Size: 1629 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).

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: [BC064726](#), [AAH64726](#)

RefSeq Size: 2433 bp

RefSeq ORF: 1629 bp

Locus ID: 54672

UniProt ID: [Q8R0T6](#)

Cytogenetics: 8 C5

Gene Summary: Orphan receptor that regulates migration of lymphatic endothelial cells via the small GTPases RhoA and CDC42 (By similarity). Regulates B-cell development (PubMed:24113187). Seems to signal through G-alpha(q)-proteins (By similarity).[UniProtKB/Swiss-Prot Function]