

Product datasheet for **RN201726**

Adgrg5 (NM_001107410) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adgrg5 (NM_001107410) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adgrg5
Synonyms:	Gpr114
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201726 representing NM_001107410
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATCAACACCAGGCCCTTTTCTTCTGCCTGTGCCTCTGGCTGCTCAAGTTGCTCCTAGTAGAAACCC
 TGCCAGAGATACTGAACTTGATGAAGCGCCTTGAGCGGCCATAGGCCGGCCTTGCTTCCAGAGTGAG
 GTTTATCCACCACCTGGAACAGATGTTGCTCAACGCCAGCTTCCATGGGCACAACCTTGACCTTGACAGC
 AACTCCATCCAGTCTCTGGTCTTCAAGCTGAGCTGCGGCTTTCCTGGTCTCTCCCTGTCCAGTGCCACCC
 TGACAAATGTCTCCAGGCGTGGGCCCCACATGCCATGCAGTTTCTGTGAGCTGACCAAGAACGCCTG
 TGTGACCTCTCGGCTGCTGAGCTCAGACTCATCTGCTACTTCTTCACTGCACACCTCTTTCAGGAT
 GACCGAACTCCTCACTGCTCAATAACTATGCTCTGGGGGCCAGCTGGATCACAGGCCTGTGAACAACC
 TTCAGAGGCCAGTCAACATCAGCTTCTGGCACAATCGGAGTCTGGAAGGGTATACGGTAACTGTGTCTT
 CTGGAAGGAGGGAGCCGCAAGCACAGCTGGGGCGCTGGAGCCCAAGGGCTGTACACCGAGCAGCCC
 TCGCCCACTCAGGTTCTCTGCCATTGCAACCACCTCACCTACTTCGCTGTGCTCATGCTCTCTGGAGATC
 CGGTGCCCACTGAGCTGCAGACGCCTCTGGAGTACATCTCCCTGGTGGGTTCGAGCATCTCCATTGTGGC
 CTCGCTGCTCACCATACTACTGAATGCCCACTCCAGGAAGCTAAGTGACTCCACCACACGCATCCACCTG
 AACCTGAATGGCTCTGTTCTGCTCCTGAATACACCTTCTTCTGAGCTCCAGATGGTCCC GCCCACAG
 TGCCCAGGTCAGTCTGCACGGTCTGGCTGCCACCCTACACTACGCGTTGCTCAGCAGCCTTACCTGGAT
 GGGCGTCGAAGGCTTCAACCTCTATCTTCTCTGGGGCGTGTCTACAATGTTTACATCCGCCGACTTGT
 CTCAAGCTCTGCGTCTGGGCTGGGGTTTCCAGCCCTTGGTGCTGCTTCTTCTGATGATCAAGAGCT
 CAGTGTATGGACCATGTGTGATCTTTCTCCAAAAGCCAGGAAAATGGTACCGGCTTCCAGAATGTGTC
 CATGTGCTGGGTACGCAGTCCCATGGTACACAGCATCCTGTTATGGGCTATGGTGGCCTCACATCTCTC
 TTCAACCTGGTGGTGGCTGGCCTGGGCTCTGTGGATTTTGTGCAGGCTACGGAACGGGAGAGGCACTGA
 GTCCCTGGGCTGTGGGACATTGTCATGGTGTGGGTCTCACTGTGCTACTGGGACCACCTGGTCCCT
 GGCTTCTTCTCCTTCAAGTGTGTTCTGCTGCCCAAGGCTTCTCTTCAACATCTTCAACTCGCTCTAT
 GGTTTCTTCTTCTGTTCTGCTCACAGAAGCGTTACTCGGACGCGGAAGCAAGGCAGTGATGG
 AGGCAGTCAGCTTCTCCAGATGACACACT**AA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001107410

Insert Size: 1572 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: NM_001107410.1, NP_001100880.1

RefSeq Size: 2774 bp

RefSeq ORF: 1572 bp

Locus ID: 307645

Cytogenetics: 19p13