

Product datasheet for RN201078

Adgrf5 (NM_139110) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adgrf5 (NM_139110) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adgrf5
Synonyms:	Gpr116; Gprhpe; Ig-Hepta
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN201078 representing NM_139110 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAATCGTCAAGGACTGTCACGCTCTACTTTGTGCTTATTGTGATTTGTTCTCAGAACTACATGGA
GCAGGCCAGCAGAGCCATTGTCCATCCTTTGATTCTCCAAGAACATGAACTAGCAGGGGAAGAGCTACT
GAGGCCAAAAAGAGCAGTTGCAGTGGTGGTCTGTGGCAGAAGAATACACCGTGGATGTTGAGATCAGT
TTTGAAAAATGTCTCCTTCTGGAGTCCATCAGAGCTCACTTAAACAGCCTCCGTTTTCCAGTTCAGGGGA
ACGGCACTGACATTTTGTAGTATGGCAATGACTACAGTCTGCACTCCTACTGGGAATGACCTCTTGTGCTT
CTGCGAGAAAAGGCTACCAGTGGCCTGAGGAAAAGGTGTCTCTCTCTCACTTGTCAAGAGCATGACAGC
GCCCTGCCAGGCCGATACTGCAATTGTCTGAAAGGACTTCTCCCAAGGACCTTCTGCGAGCTCCAG
AAACATACATTACCTTAAAAATCAAAGTCAGACTGAACATAGGATTTCAAGAAGACCTAGAGAACACATC
CTCTGCCCTCTATAGGTCCTACAAGACTGATCTGGAAAGAGCGTCCGAGCGGGTTACAGAACTTTACCA
GGATTGAGATCGGTGACTGTGACACAGTTCACCAAGGGCAGCGTGGTGTGGACTACATAGTCGAGGTTG
CATCGGCACCCTGCCTGGATCAATTCATAAAGCCAATGAGCAAGTCATACAGAACTCAACCAGACTTA
CAAAATGGACTACAACCTCTTCCAAGGAACACCAAGCAATGAAACAAAGTTCAGTGTGACACCAGAGTTC
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TGTAGCCAACCTAACAATAACCCCGGACCAATTTCTGTTTCTGAGGGACAAAGCTTTTCTATAACTTGC
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TTTATACCATGAGGAGGTATCGGGATGGAGCAGAGTCGGTGCTGACGGTGAAGACCTCCACCAGAGAGTG
 GAACGGAACCTACCACTGCATATTTAGATATAAGAATTCATACAGCATAGCCACCAAAGATGTCAGTGT
 CACCCTCTGCCTCTGGAGTCAGACATCATGATGGATCCTTTGGAAGCCAGTGGTCTGTGCACCAGTTCCC
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 ATCCTTTCTGCTGAAAGAGAAGTTATTGGCAAGCAGGCATGCTACACATACAGTCTCCCAGGAAAGTTA
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 GCCCCTATGAAGCTTACCCTTGTTCCAGGGAAGAATATCACATGCCAGGATCCCATCATAGGTATTGG
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 GGTGGAACCGTCACTTATAAATGTGTAGGCTCCCAGTGAAGGAGGAGACAAGGGCTGCATATCAGCCC
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 AGCACCCCTCCCTCCTCTCCACCCTAATGTTTCAGATGAAGAGCATGGTGATAAAAAGTGGCCACGCCC
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 GCTGGGAAGCTTGACGCTGATTTCATCGATCGTTACTGTGGCTTTCCAACTCTCAAAGCCATCCTGGCC
 CAGGATGGACAGAGAAAGACACCCTCCAACAGCCTAGTAATGACCACCACTGTCAGCCATAATATCGTCA
 AGCCTTTTAGGATTTCTATGACATTCAGAACAACCATCGTTCGGGTGGCAAGCCACAGTGTGCTTCTG
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 AGAGCAGCCTATTCCAGATCAGCAAGAGCATTGGAGTCCCTCACGCCACTTTGGGGCTCACTTGGGGTTT
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 CAGGGGCTCTTCAATTTGCTCTTTGGCTGCCTCTGGGATCAGAAGGTACAGGAAGCTTTGCTGCATAAGT
 TTTCAATGTAAGGTGGTCTTCTCAACACTCAAAGTCAACATCCTTAGGTTTCATCAACACCTGTGTTTTT
 GATGAGTTCTCCGATATCCCAGAGATTTAATAATCTTTTTGGTAAAACAGGAACATATAACGTTTCCACC
 CCAGAGACAACCAGCTCATCCGTGGAAATTCCTTAGTGCTTACTCATTGCTCAACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_139110

Insert Size:

4050 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_139110.1](#), [NP_620810.1](#)

RefSeq Size: 4951 bp

RefSeq ORF: 4050 bp

Locus ID: 245977

UniProt ID: [Q9WVT0](#)

Cytogenetics: 9q13

Gene Summary: a G protein-coupled receptor; may have a role in the regulation of acid-base balance [RGD, Feb 2006]