

Product datasheet for **RN201877**

Adgrg7 (NM_001107098) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adgrg7 (NM_001107098) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adgrg7
Synonyms:	Gpr128
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201877 representing NM_001107098
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCGTTCCTGCCGATCCTTCGATGTCGGGCTCTGGTACTATTGTGTGTGGTTTCTGACGGGCATTG
 TTTTGGGACTGGGCATCTGGAGGATGGTCGTAAGGATCAACAGAGGGTCATCTGTTTCTGTGTCAAGCAC
 TCCTGTACAGTTCGACAGGAATGGTGAACTGGCAAAATGCGAGATGCATTTGACTGAAGAGTGGAGA
 GGACTCAGATGTACAATCGTAATTTCTGTGAAAATAGTACCTTCATGAACCTCACCTTCGGCAAAATCC
 CAGTGGGCAGATATGGACCTTCTTTCAAATATGTGGACCAAACTGTAATGCGGGCCAGCCTCAAGC
 AACTCGGCTGTGTGGTGTTCGAGTATGGAGTATAGAAGCACTAAATGTTACAATAGGAACTGTGAT
 AAAAATCTAGAGATTCTGGAGAAGCAGATAAACGACATCTCGAACAACTCTCAGAATATTTCTTCAGATG
 CTCAGGTTTTAACACAGATGCCAGTAACTGACAGCTGAGAACATCACTTCTGCTACTACAGTGGTTGG
 ACAGATCTTCAATAAACACAGAAATGCTAATAGTGAGGCAAAAAAGTTGCTGTAACCACAGTGAGTCAG
 ATTTTGGATGCCAGCAAGATGTTTTTCAAAAAGCTGCTGAGAATGACAATAGCAACTCCTTTTCCAATC
 TCATTGAGCAAAATGGAGAATTACTCCTTTTCTCTGGGTGATGAAGCAGTGGTGGAACTAATGTAGCAAT
 CCAGTCAGTCAGTCGAAACAGTGATTACGGGCCAAGTGTCTCTCTCTGTGCAGAAAGGATCTAGTGAT
 TCTCTGGTTTCCAGTGAAACATCTATTAACAAAAGTGCAGATGAACTCAAGCCAGATGGACAGACTGAAC
 TTCAGATCTTACTTAATACTGGGGGAAATAAAAAGTCTGTGGTTTTGTGGTGTATCAAAACCACAACT
 TTTCCAATCCAAAAGTTTACGGCCACGTCAGATTTTCAAGTCAAAAAATATCTCCAGCAAGTAAATGCC
 AGTGAACAAGAACAAGATAACGTTTCTGTGAAAATGGTATTTAATCCACGATGACAAAAAGAGAATCC
 AGCTTTACTCCTATGCCGTGTCTACTGGAATATTTAAAAAGGACTGGGACACAGCTGGCTGCCAAAA
 AAGCGTGAACGCCCTCGGGTTCCTCGGTTGCCAGTGCAACCACACAACCAATTCGCTGTGTGATGAGT
 TTTAAAAAGGATTACAAGTATCCCAATCCCTAGACGATTATCCAACATTGGCTGTGCCTGTCCATTG
 CTGGTCTGGCTATAACAATCTTATTTTCCAGATTCTTACCAGGAAAAACAGAAAAACCTCAGTAACCTGGGT
 GTTGGTCAAGTTGTATATCGATGTTGATTTTTAACCTCCTCTTGTGTTTGGAAATGAAAAGTCCAAT
 AAGAACCATAAGACAAGTATAGTAATATTAATGCTAACCTAATGAAAACAAAATACCAGAAACAGACA
 CCATTGAAACCCGAATCCCTCATGCACAGCCATTGCTGCCTTGTCCACTACTTCTGTGGGGACATT
 TACCTGGAATGGACTCAGTGCCACACAGCTCTACTTCTCTGATAAGGACCATGAAGCCTCTCCCTAGG
 CATTTCATTGTATCATCTCATTAGTTGGATGGGGAGTCCAGCAATAATAGTAGGTGTAACAATCGGGA
 TCAATTTATGCCCTGAGTGGGAACAAGTCATACTGGGAGTTAGACTATCGACAAGAGGAAATCTGCTGGCT
 GGCCGTTCCCAAGAACAATGATTTTCCAGAAAGTCCACTTTTGTGGTCTGTCATCATGCCGGTGACCATT
 ATCCTCATCACCACATTGCTATATTTGTGATAATCACAGTCAAAGTGTGTGGAAGAACAACCAGAAATC
 TGACAAGCACAAGAAGGTTTCATCCTTAAGAAGGTTCTTAGCACGTTATCTATTGCTGTTGTCTTTGG
 AGTTACCTGGATCTTGGCTATGCTATGCTAATTAATAACGATGACATCAGGATCGTTTTTCCAGCTACATA
 TTCTGTCTTTTCAACACCACTCAGGGATTACAAATCTTCTTACTACTGTTGAAACAAAAGTATTTT
 AGAATGAAGCTTCCAAAATACTGAAGTCGCTGTCTTCACTCTTTGACCGAGCGAAGCCAATGCCTCAAT
 GACCCCGCTGAAACTGCGTGTGAGGATGTATAATGCTCAGTCCATACCATCCCTAAATGAGCGATT
 AGGCTACTGGAGCCCTCTGTAGTAACTGAGGAAACATCACTGTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001107098
Insert Size: 2358 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:	<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.
RefSeq:	<u>NM_001107098.1</u> , <u>NP_001100568.1</u>
RefSeq Size:	2736 bp
RefSeq ORF:	2358 bp
Locus ID:	304014
Cytogenetics:	11q12