

Product datasheet for RN211905

Adgr1 (NM_022962) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adgr1 (NM_022962) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adgr1
Synonyms:	CL1BA; Lphn1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211905 representing NM_022962 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCCGCTGGCTGCAGCACTCTGGAGTCTCTGTGTGACGACTGTCCTCGTCACCTCTGCTACCCAAG
GCCTGAGCCGGGCTGGACTCCCATTGGATTGATGCGCCGGGAGCTAGCATGCGAAGGCTACCCATTGA
GCTGCGGTGCCCGGCAGTGACGTCATCATGGTGGAGAATGCAAATATGGGCGCACAGATGACAAGATC
TGCAGATGCCGACCCTTTTCAGATGGAGAACGTGCAAGTGTACCTGCCTGACGCCTTCAAATCATGTCC
AGAGATGTAATAACCGAACCCAGTGTGTGGTGGTGGCCGGCTCTGACGCCTTTCCTGACCCTGTCTGG
AACCTACAAGTACCTGGAGGTGCAGTACGACTGTGTCCCTTACAAAGTGGAGCAGAAAGTCTTCTGTGTGC
CCAGGGACACTGCAGAAGGTGCTGGAGCCACCTCCACACATGAATCGGAGCACCAGTCTGGCGCATGGT
GCAAGGACCCACTGCAGGCAGGTGACCGTATCTACGTTATGCCCTGGATCCCCTACCGCACGGACACT
GACCGAGTATGCTTCTGGGAGGACTATGTGGCTGCACGCCACACCACCGTACAGACTGCCAACCGT
GTAGATGGCACTGGCTTTGTGGTATATGATGGTGGCCTTCTATAACAAGGAACGTACTCGAACATTG
TCAAATATGACCTGCGGACCCGCATCAAGAGCGGAGAAACAGTCATAAACACAGCCAATACCACGACAC
CTCACCTTATCGCTGGGAGGCAAAACCGACATTGACCTGGCAGTGGATGAGAACGGGCTGTGGGTATC
TATGCCACCGAGGGGAACAACGGCGCTCTGGTGGTGGAGCCAGCTCAACCCCTACACACTGCGTTTCGAGG
GCACCTGGGAAACAGGCTATGACAAGCGCTCAGCCTCCAATGCCTTCATGGTGTGTGGTGTCTCTATGT
GCTGCGCTCTGTTTATGTGGATGACGACAGTGAGGCAGCAGGCAACCGCTGGACTATGCCTTAAACACC
AATGCAAACCGAGAGGAGCCCGTCACTCTCGCCTTCCCCAACCCCTACCAGTTTGTATCTTCTGTTGACT
ACAATCCCCGGGACAACAGCTGTATGTGTGGAACAATATTCGTGGTGGCTACAGCCTGGAGTTTGG
ACCCAGATCCCAGTGTGGCCAGCCACTTCCCACCTCTCAGTACCACCACCACAGCTCGGCCTACG
CCCCTCACCAGCACAGCCTCACCTGCAGCCACCACTCCACTCCGCGGGGCCCCCTCACCACGCACCCAG
TAGGTGCCATCAACCAGCTGGGACCTGACCTGCCTCCAGCCACAGCCCCAGCACCAGTACCCGGCGGCC
TCCAGCCCCAATCTGCATGTGTCCCCTGAGCTTCTGTGAACCCGAGAGGTCCGGCGGGTCCAGTGG
CCAGCTACCCAGCAGGTATGCTGGTAGAGACCTTGCCCAAGGGAATCGAGGAATTGCCTCGTTCC



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AGTGCCTCCCAGCTCTGGGGCTCTGGAATCCTCGGGGCCCTGACCTCAGCAACTGCACTTCCCCCTGGGT
 CAACCAAGTCGCCAGAAGATCAAGAGTGGAGAGAATGCAGCAAACATTGCTAGTGAGCTGGCCGCCAC
 ACGCGGGGCTCCATCTATGCTGGGGACGTGTCCTCATCGGTGAAGCTGATGGAGCAACTGCTAGATATCC
 TGGATGCCAGCTCCAGGCCCTACGGCCATTGAACGAGAGTCACTGGCAAGAACAATAAGATGCA
 CAAGCGAGAGAGAACCTGCAAGGACTATATCAAGGCTGTGGTGGAGACAGTGGACAACCTGCTTCGGCCA
 GAGGCATTGAGTCATGAAAAGACATGAATGCCACCGAACAGGTCATACGGCCACCATTGCTCCTAGATG
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 AGTGTGCTTCTTCTACAACAACCTGGGCCTTCTTGTCCACGGAGAATGCCACAGTGAAGCTGGC
 AGGTGAGGCAGGGACCGGTGGCCCTGGAGTGCCTCCCTGGTGGTTAACTCACAGGTCATCGCAGCATCC
 ATCAATAAGGAGTCCAGCCGTGCTTCTCATGGACCCTGTCATCTTACTGTGGCCACTTGGAGGCCA
 AGAACCCTTCAATGCAAACCTGCTCTTCTGGAACACTCAGAGCGCTCCATGCTGGGCTACTGGTCAAC
 CCAGGGCTGCCGACTGGTGGAGTCCAATAAGACCATAACCACATGTCCTGCAGCCACCTACCAACTTC
 GCAGTGTCTATGGCTCACCGAGAGATCTACCAAGCCGATTAATGAGCTGTTGCTGTCAGTCATCACT
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 GTTGAATAGACAAAACCTCAGTATGAGGTGCCTGCCCTATCTTTCGGGGCTGCTGCACTACTTCTTCC
 TGGCCGCCTTCTCCTGGCTGTGCCTAGAGGGCGTGCACCTCTACCTCCTGCTGGTGGTGGTTCGAGAG
 CGAATATTCACGCACCAAGTACTATTACCTGGGCGGCTACTGCTTCCAGCCCTGGTGGTAGGCATCGCA
 GCCGCCATTGACTACCGAAGCTACGGCACTGAGAAGGCCCTGCTGGCTGAGGGTGGATAAATTTTCATCT
 GGAGCTTCATTGGGCCCGTCTCCTTTGTTATTGTGGTGAACCTGGTGTTCCTCATGGTACCCTGGCACA
 GATGATCCGAAGCTCATCCGTGCTCAAGCCTGACTCCAGCCGCTTGACAACATCAAGTCTGGGCGCTG
 GGTGCCATTGCACTGCTTCTCCTGCTGGGCCTCACCTGGGCTTTCGGCCCTCTTTCATCAACAAGGAGT
 CAGTAGTAATGGCTTACCTCTTCAACAACCTTCAACGCCTTCCAGGGGGTCTTTCATCTTTGCTTTCACTG
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 CCACCTGGGGGGGCTCACGGCTCCCTTAAGACCTCAGCCATGCGAAGTAACACCCGCTACTACACAGGGA
 CCCAGAGCCGAATCCGGAGGATGTGGAATGACACCGTGGGAAGCAGACAGAGTCTGCTTTATGGCAGG
 GGACATCAACAGCACCCCACTGAACCGAGGTACCATGGGGAACCACTACTGACCAACCCTGTGCTA
 CAGCCCGTGGGGGCACTAGCCATAACAATACTCATTGCAGAGTCTGTGGGCTTCAATCCCTCCTCGC
 CCCCAGTCTTCACTCCCAGGAAGCTACAGGGAACCTAAGCACCCCTTGGGCGCCGGGAAGCCTGTGG
 CATGGACACACTGCCCTTAATGGCAACTCAACAACAGTACTCCTTGGGAAGTGGTATTCCCTCCG
 GGGGATGGGGTCTGAGCCACCCGAGGCCGAAACCTAGCGGATGCTGCGGCCTTTGAGAAGATGATCA
 TCTCAGAGCTGGTGCACAACAACCTTCCGGGGGCCAGTGGGGGCCCAAAGGTCCTCCACAGAGCCTCC
 TGTGCCACCCGTGCCAGGAGTCACTGAGGACGAGGCTGGTGGGCTGGGGTGTGACCGGGCTGAGATT
 GAACTTCTTACAAGGCCCTGGAGGAGCCACTGCTGCTGCCCCGGGCCAGTCCGTGCTGTACCAGAGTG
 ATCTGGATGAGTCGGAGAGCTGTACGGCAGAGGATGGGGCCACCAGCCGGCCCTCTCTCCCTCCCGG
 CCGGACTCCCTCTATGCCAGCGGGCCAACTGCGGGACTCGCCCTCTACCCGGACAGCAGCCCCGAA
 GGGCCTAATGAGGCCCTGCCCTCCCCACCTGCTCCCTGGGCCCCAGAAATCTACTACACCTCTC
 GCCCAGCCGCTGGTGGCTCGGAATCCCTACAGGGTACTACCAGGTGCGGCGGCCCATGAGGG
 CTACCTGGCAGCCCCAGCCTTGGGGCCAGGGCCGATGGGGATGGGCAAATGCAGTTGGTCACTAGT
 CTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_022962
Insert Size: 4416 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_022962.1</u> , <u>NP_075251.1</u>
RefSeq Size:	5579 bp
RefSeq ORF:	4416 bp
Locus ID:	65096
UniProt ID:	<u>O88917</u>
Cytogenetics:	19q11
Gene Summary:	G protein-coupled receptor for alpha-Latrotoxin [RGD, Feb 2006]