

Product datasheet for RN217623

Adgrl2 (NM_001302211) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adgrl2 (NM_001302211) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adgrl2
Synonyms:	Cirl-2; Cirl2; Cl2ac; Lphn2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217623 representing NM_001302211 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGTGTCTTCTGGTTGCAGAATGCGAAGTCTCTGTTTATCATGATAATCAGTTTCTCACGAATACCG
AAGTTTTAGCAGAGCAGCCTTGCCATTCGGGTTAGTTAGACGAGAGCTGCTCTGTAAGGTTATTCTAT
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CTCAAAGGTGCAACAACCGAACACAGTGTGTAGTATTACCGGGTCAGATGTATTTCTGATCCATGTCC
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001302211
Insert Size: 4308 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001302211.1, NP_001289140.1</u>
RefSeq Size:	6126 bp
RefSeq ORF:	4308 bp
Locus ID:	171447
UniProt ID:	<u>O88923</u>
Cytogenetics:	2q45
Gene Summary:	<p>low affinity G-protein-coupled receptor for alpha-latrotoxin [RGD, Feb 2006]</p> <p>Transcript Variant: This variant (6) lacks two in-frame exons in the 3' coding region, but maintains the reading frame, compared to variant 1. The resulting isoform (6) lacks two internal segments, compared to isoform 1.</p>