

## Product datasheet for RN217619

### Adgrl2 (NM\_001302212) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adgrl2 (NM_001302212) 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:	>RN217619 representing NM_001302212 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGTGTCTTCTGGTTGCAGAATGCGAAGTCTCTGTTTATCATGATAATCAGTTTCTCACGAATACCG  
AAGTTTTAGCAGAGCAGCCTTGCCATTCGGGTTAGTTAGACGAGAGCTGCTCTGTGAAGTTATTCTAT  
AGACCTGCGATGTCCGGCAGTGACGTCATCATGATCGAGAGCGAACTACGGTCGGACGGACGACAAG  
ATCTGCGACGCAGACCCCTTTCAGATGGAGAACACAGACTGCTACCTCCCTGATGCCTTCAAATCATGA  
CTCAAAGGTGCAACAACCGAACACAGTGTGTAGTAGTTACCGGGTCAGATGTATTTCTGATCCATGTCC  
TGGAACTTACAAATACCTTGAAGTTCAATATGAATGTGTCCCTTACATGGAGCAAAAAGTTTTGTGTGT  
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AATAGAATATGCTTCTTTAGAAGATTTCAAACAGCCGCCAGACAACAACATACAACTTCCAAACCGA  
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TTCACCCTACAGATGGGGGGGAAGACTGACATTGACCTGGCAGTGGATGAAAATGGCTTGTGGGTATC  
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CAACCTGGGAGACGACGTATGACAAGCGTGCAGCGTCCAATGCTTTTATGATATGCGGGGTCTCTACGT  
GGTCAGGTGAGTACCAAGACAATGAAAGCGAAGCTGGCAAGAAGCTCATCGACTACATTTACAACACA  
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ACAGTGTCAACCAAGCAGTACTTACAGAGAGGCCCGTGAGCAGCACAGTGCCTGGTCTCAGGAAG  
GAAGCCGAGGGACAAGCCACCTCCAGCAGTCTCTACAACAAAATTCTCCTGTAAACAAATATTTTCC  
CCTGCCAGAGAGATTCTGCGAAGCGTTAGAAATGAAGGGGATAAAGTGGCCTCAGACACAAGGGGGATG  
ATGTTGAGCGACCGTGTCCAAGGGAACAAGGGAACGGCCTCGTATCTCTGCATGGCTTCCACAGGAA



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CCTGGAACCCGAAGGGCCCGGATCTTAGCAACTGCACCTCTCACTGGGTGAATCAGCTGGCCCAGAAGAT
CAGAAGTGGAGAGAATGCTGCAAGTCTGGCCAACGAACTGGTAAAGCACCAAGGGGACGGTGTTCGCT
GGGGATGTGAGCTCCTCTGTGAGGCTGATGGAACAGTTGGTGGACATCCTGGATGCCAGCTGCAGGAGC
TGAAACCGAGCGAGAAGGACTCGGCCGGGAGGAGTTATAACAAGCTCCAAAAACGAGAGAAGACATGCAG
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CACATGAATTCCTCAGAGCAGGCGCACACGCCACCATGCTGTTGGACACCTTGAAGAAGGAGCATTTG
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CAAGAACCTGTGTATCAACCTTTCATCGCTGAGTTTATTTTCTAATAGGCATTGATAAAAACAGTAC
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TAGAAGGTGTGCAGCTCTACCTCATGTTGGTGAAGTTTTTCGAGAGTGAATACTCAAGGAAGAAGTATTA
CTATGTGCGCCGGTACCTTCCCTGCCACAGTGGTGGTGTTCAGCTGCTATCGACTACAAGAGTTAC
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TCATCATTCTGCTAAATATTTTTCTGGTGATCAGCTGTGCAAAAATGGTGAACATTCAAACACTTT
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CCGCCTTAATGCTTTCCAGGACTGTTTATTTTCATCTTCCACTGTGCTCTTCAAAGAAAAGTACGGAA
AGAGTATGCCAAGTGCTTCCAGACTGGTACTGCTGTGGTGGCCTCCCGACCGAGAGCCCGCACAGCTCT
GTAAGGCGTCCACCTCCCGCACAGTGTGCTACTCTCTGGTACACAGAGCCGTATAAGAAGGATGT
GGAATGACACCGTGAGGAAGCAGTCTGAATCGTCTTTTATCTCAGGTGACATCAATAGCACTTCTACCT
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GTCTGAACGACACCGGTTTGGAAAATGATCATTTCAGAGTTAGTGCACAACAACCTCCGGGGTAGCAA
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GGCAACCGACAGCTACGTCTCCAGCTGACGGCCGAGGCCGACGACACCTCCAGTCCCCAACAGAGAC
TCTCTGTACACGAGCATGCCAACCTAAGAGACTCTCCCTACCCGGAGAGCAGCCCGACATGGCAGAGG
ACCTGTCTCCCTCAGGAGGAGCGAGAACGAGGACATTTACTACAAAAGTATGCCAATCTTGGGGCTGG
CCGCCAGCTCCAGATGTGCTACCAGATCAGCAGAGGCAATAGCGATGGCTACATCATCCCCATTAACAAA
GAAGGGTGCATCCAGAGGGGGACGTGAGGAAGGACAGATGCAGCTGGTAACAAGTCTTAA

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ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001302212

**Insert Size:**

4263 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).

<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001302212.1</a></u> , <u><a href="#">NP_001289141.1</a></u>
<b>RefSeq Size:</b>	6081 bp
<b>RefSeq ORF:</b>	4263 bp
<b>Locus ID:</b>	171447
<b>UniProt ID:</b>	<u><a href="#">O88923</a></u>
<b>Cytogenetics:</b>	2q45
<b>Gene Summary:</b>	low affinity G-protein-coupled receptor for alpha-latrotoxin [RGD, Feb 2006] Transcript Variant: This variant (7) lacks three exons in the 3' coding region, but maintains the reading frame, compared to variant 1. The resulting isoform (7) lacks two internal segments, compared to isoform 1.