

## Product datasheet for RN210129

### Adgrl2 (NM\_134408) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adgrl2 (NM_134408) 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:	>RN210129 representing NM_134408 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGTGTCTTCTGGTTGCAGAATGCGAAGTCTCTGTTTATCATGATAATCAGTTTCTCACGAATACCG  
AAGTTTTAGCAGAGCAGCCTTGCCATTCGGGTTAGTTAGACGAGAGCTGCTGTGAAGTTATTCTAT  
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ATCTGCGACGCAGACCCCTTTCAGATGGAGAACACAGACTGCTACCTCCCTGATGCCTTCAAATCATGA  
CTCAAAGGTGCAACAACCGAACACAGTGTGTAGTAGTTACCGGGTCAGATGTATTTCTGATCCATGTCC  
TGGAACTTACAAATACCTTGAAGTTCAATATGAATGTGTCCCTTACATGGAGCAAAAAGTTTTGTGTGT  
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AATAGAATATGCTTCTTTAGAAGATTTCAAACAGCCGCCAGACAACAACATACAACTTCAAACCGA  
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TTAAATTTGACTTGAGGACTAGAATCAAGAGTGGGGAGGCCATAATCAACTACGCCAATACCATGACAC  
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CAACCTGGGAGACGAGTATGACAAGCGTGCAGCGTCCAATGCTTTTCATGATATGCGGGGTCTCTACGT  
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AGGTTGAGCCGGGAGAGCAGTGGACGTTCCCTTCCCAACAGTACCAGTACATCGCTGCAGTGGATT  
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ACAGTGTCAACCAAGCAGTACTTACAGAGAGGCCCGTGAGCAGCACAGTCGCTGGTCTCAGGAAG  
GAAGCCGAGGGACAAGCCACCTCCAGCAGTCTCTACAACCAAAATTCCTCCTGTAACAAATATTTTCC  
CCTGCCAGAGAGATTCTGCGAAGCGTTAGAAATGAAGGGGATAAAGTGGCCTCAGACACAAGGGGGATG  
ATGTTGAGCGACCGTGTCCAAGGGAACAAGGGAACGGCCTCGTATCTCTGCATGGCTTCCACAGGAA



CCTGGAACCCGAAGGGCCCGGATCTTAGCAACTGCACCTCTCACTGGGTGAATCAGCTGGCCCAGAAGAT  
 CAGAAGTGGAGAGAATGCTGCAAGTCTGGCCAACGAACTGGTAAAGCACACCAAGGGGACGGTGTTCGCT  
 GGGGATGTGAGCTCCTCTGTGAGGCTGATGGAACAGTTGGTGGACATCCTGGATGCCAGCTGCAGGAGC  
 TGAACCCGAGCGAGAAGGACTCGGCCGGGAGGAGTTATAACAAGCTCCAAAAACGAGAGAAGACATGCAG  
 GGCTTACCTTAAGGCCATTGTGGACACAGTAGATAACCTTCTGAGAGCCGAGACTTTGGACTGCTGGAAA  
 CACATGAATTCCTCAGAGCAGGGCAGACAGCCACCATGCTGTTGGACACCTTGAAGAAGGAGCATTTG  
 TCCTGGCAGACAACCTTTTGAACCAACCCGGTCTCAATGCCAACGGATAATATTGTTCTAGAAGTCGC  
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 TTGACAGACCCGGTGCTTTTTCAATGCCACACATTGATTCTGACAATATTTCAACGAAAACCTGCTCT  
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 TCTGCCTGGCTATCTGCATCTTACCTTCTGCTTCTTCCGAGGCCTGCAAAGCGACCCGCAACACGATCCA  
 CAAGAACCTGTGTATCAACCTTTCATCGCTGAGTTTATTTTCTAATAGGCATTGATAAAAACAGTAC  
 ACGATTGGCTGCCCGTGTTCAGGACTCCTGCACCTTTTCTTCTGGCTGCTTTTCTGGATGTGCC  
 TAGAAGGTGTGCAGCTCTACCTCATGTTGGTGAAGTTTTCGAGAGTGAATACTCAAGGAAGAAGTATTA  
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 GAAACAGATTCTAGCAGTTGGAAAACATTAATAATTACCGTGTGGTGGTGGTACTATAATACGGAC  
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 CACCGCTTAAATGCTTTCCAGGACTGTTATTTTCTTCTTCCACTGTGCTCTTCAAAGAAAAGTACGG  
 AAAGAGTATGCCAAGTGTTCAGACACTGGTACTGCTGTGGTGGCCTCCCGACCGAGAGCCCGCACAGCT  
 CTGTAAGGGCTCCACCTCCCGCACCAGTCTCGTACTCCTCTGGTACACAGAGCCGATAAGAAGGAT  
 GTGGAATGACACCGTGAAGGAGCAGTCTGAATCGTCTTTATCTCAGGTGACATCAATAGCACTTCTACC  
 CTTAATCAAGGAATGACTGGCAATTACCTACTAACAAACCCTTCTTTCGACCCACGGCACTAACAAAC  
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 ACATTCATGAACAATACCCGGGACACCAGCGCCATGGATACTCTACCGCTAAATGGTAACCTCAACAAC  
 AGCTACTCCCTGCGCAAGGCCGACTACCACGACGGCGTGCAGGTTGTGGACTGTGGACTAAGTCTGAACG  
 ACACCGGCTTTGAGAAAATGATCATTTCAGAGTTAGTGCACAACAACCTCCGGGGTAGCAACAAAACCCA  
 CAACTTGGAGCTCAAGCTCCCGTTAAACCCGTGATTGGCGGCAGCAGCAGCGAAGATGACGCGATCGTG  
 GCCGACGCTCATCTTTGATGCACGGTATAACCCAGGGCTGGAATTCGCCACAAGAGCTGGAGGCAC  
 CGCTCATCCCTCAGCGGACTCACTCGTCTGTACCAACCCAGAAAAAGTGAACCCGAGGCAACCGA  
 CAGCTACGCTCTCCAGCTGACGGCCGAGGCCGACGAGCACCTCCAGTCCCCAACAGAGACTCTGTGAC  
 ACGAGCATGCCAACCTAAGAGACTCTCCCTACCCGAGAGCAGCCCGGACATGGCAGAGGACCTGTCTC  
 CTCCAGGAGGAGCGAGAACGAGGACATTTACTACAAAAGTATGCCAATCTTGGGCTGGCCGACGCT  
 CCAGATGTGTACCAGATCAGCAGAGGCAATAGCGATGGCTACATCATCCCCATTAACAAAGAAGGGTGC  
 ATCCAGAGGGGACGTCAGGAAGGACAGATGCAGCTGGTAACAAGTCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_134408  
**Insert Size:** 4464 bp

<b>OTI Disclaimer:</b>	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>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_134408.3</a></u> , <u><a href="#">NP_599235.3</a></u>
<b>RefSeq Size:</b>	5843 bp
<b>RefSeq ORF:</b>	4464 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 (1) encodes the longest isoform (1).