

## Product datasheet for **MC205337**

### **Adgrl4 (NM\_133222) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Adgrl4 (NM_133222) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adgrl4
Synonyms:	1110033N21Rik; Eltd1; Etl; ETL1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC017134  
 CTAGCCTAGAGCGCTCTGCCGCCAGCTCCGGGGCTTCCAATGAGACTCCTCCCGCTTCTAGTGGGTTTCT  
 CCACCTTTGCTGAATTGTTCTACACAAAACTGCAGCAAGACAACGTGTCTCCCAATGCCAAGTGCGA  
 AGTGCACAATGGTGTGGAAGCCTGCTTCTGCAGCCAGGGTACTCTGGGAATGGCGTCACGATTTGTAA  
 GATATAGATGAGTGCAGCGAGTCTTCTGTCTGCGGTGATCATGCTGTGTGTGAAAACGTGAACGGGGCT  
 TCAGCTGCTTCTGCAGGGAAGGTTATCAGACCGCTACGGGGAAGTCACAGTTCACACCTAATGATGGCTC  
 TTAGTGCCAAGATATAGATGAGTGCAGCGAGTCTTCTGTCTGCGGTGATCATGCTGTGTGTGAAAACGTG  
 AACGGGGCTTACAGTGTCTTCTGCAGGGAAGGTTATCAGACCGCCACGGGGAAGTCACAGTTCACACCTA  
 ATGATGGCTCTTACTGCCAAGAAAGCATGAATTCAAATTGCCACTTAGAGCATGCCTGCATCGTGCAAA  
 CATTAAATAAACTTTAAAAAGAATTGGACCATAACAGAACAGACAACCTTACTCCAAGAAATCTACAGA  
 AATTCTGAGGCTGAGCTCTCTCTGATGGATATAGTCACATACATAGAGATCCTAACTGAATCATCTCAC  
 TACTAGGCCACCCGAACAGCACCCTTATACAAGGATGCCACTTCACTCACTTACTGAATTTGG  
 GGAACCATCAATAATTTTGTGAAAGGAGTACACATAAAATGTGGGACCAGTACCACAAATCACAGA  
 AGACTTACATCACAACCTGATGCACACTGCTGAGCTAGTCACCTACAGATCGCTCAGAACCCAGA  
 AGAATTCTCAGTTTGATATGAATTCTACTGACTTGGCTCTCAAGTTTTTGTCTTTGATTCAACTATGAA  
 GCATGCTCACCCACATGAATGTGGATGGAGGCTATGTGAAAATATCCCAAGGAGAAAGGCTGCACAT  
 GGCACAACGGCAATGTAGTAGTTGCATTCTCTGCTATAAGAGCATTGGTCCCTTGCTATCCTCATCTG  
 ACAACTTCTTACTGGACTCAAAATGATAATTCTGAAGGAAAGGAAAAGTCATTTCTCAGTGATTTT  
 TGCCTCAATTAGCTCAAAATCCACCCACATTATATGAACCTGAAAAAATTACATTTACACTAAGTCATGTA  
 AAGCTCTCAGATAAAGCACCAGCCAGTGTGCCTTTTGGAACTACTCAGTTGATGCCATGAACAATGGCA  
 GCTGGTCAACGGAGGGCTGTGAGCTGACACACTCAAACGACACCCACCTCCTGCCGTGTAGTCACCT  
 GACACACTTTCGATTTTGTATGCTCTACTTCTCCATTGGGATTAAGGATTATAATATCTGACGAGG  
 ATCACTCAACTCGGATAAATCATCTCCCTGATCTGCCTCGCCATCTGCATCTTACCTTTGCTTTCA  
 GTGAAATCCAAAAGCACCAGGACCAGATTACAAGAACCCTGTGCTGCAGCCTCTTTCTTGCAAGATTGT  
 TTTTCTTATTGGGATCAACATAAATACGAATAAGTTGGTCTGCTATCATTGCTGGCCTGCTCCATTAC  
 TTCTTCTAGCTGCCTTTGCCTGGATGTGCATCGAAGGCATTACCTATACCTCATCGTTGTGCGCGTCA  
 TCTACAACAAGGGTTTTTACACAAGAACTTTTATCTTTGGCTATCTCAGCCAGCTGTAGTTGTTGG  
 ATTCTCAGCATCTTAGGATACAGATATTATGGAACCACGAAAGTATGTTGGCTGAGCACTGAAAACAAC  
 TTCATTTGGAGCTTATAGGACCAGCGTCTAATCATTCTTGTGAATCTCTGGCTTTTGGAGTTATCA  
 TATACAAAGTTTTCCGCCACACTGCTGGACTGAAACCAGAAGTTAGTTGCTATGAGAACATAAGGTCTTG  
 TGCCAGAGGTGCCCTAGCCCTCCTTCTCTTCTGGGTACCACCTGGATCTTTGGGGTTCTCCATGTAGTG  
 CATGCATCTGTTGTGACAGCCTACCTCTTACAGTCAGCAATGCTTTCCAAGGGATGTTCAATTTCTTAT  
 TCCTATGCGTTTTGTCTAGAAAGATTCAAGAGGAATATTATAGATTGTTCAAAAATGTCCCTGCTGCTT  
 TGGATGTTAAGATAAACAATGAGAAGTCATGATAATTACAGCTGCAATGAGATGAAAATCCAAGATTC  
 AGATAACCTGTGTGGCAAAAATGAGCCTGTTTTTATTGTTAGTAATTAATTTCAAATCCATTTTCTGT  
 TCACAGTATAAGAGATGTAGTTAATGTGAGATAAAATTTGGACCAGAGAGCTACAGTGTGTTTTCTTAC  
 ATGACATAGTTAGAGATGTCAAAAATAGTACTGCAGATATTTGGAAAGTAATTGGTTTTCTCTGGAGTG  
 ATATCACTGTGCCAAGGAAAGATTTCTTTCTAACACGAGAAATATGAATGCCTCAAGGAAACCACT  
 GGCTTGATATCTTTGTGACTCATGTTGCCTTTCAAACGAGTTCCTACCACCTTAGTAATGAGTTCCCTT  
 GCAGGAAGGAGAGCATAAAGAGACGTGGAGGGCAGAGTATGAAGCAGTGACGAAGGCTTCTGTGCAAGG  
 AATTGTCAATCCAATAAACTCAGCTTCTCTAAACTTGATGAGAAAATCTCAAGATAAAAATACGAGAAAG  
 GAAATATATCCTAGCAGTTTGGGAATTGGTCTGAAGTAAAAAGCCCAAGATCTAAATTTGTACATCCAT  
 GTTCTTCTTACTCTTCTAAAACAGAGAAAAGCCTTACAACGACATTATCAGAGATGGATGCTTTAC  
 ACTAACATTAGATTTGAGTGAAAATGTTTTTATTCCACACAGATTAAGACTTCAAATATGTAGTCAGTA  
 AAACATAGATTTGTCAAAGTATAAATACTGTTTATGTCTTTAGTGAAGAAGTGTGTGCAGTATTTGTCT  
 ATAATATTTTACTGTTATGAAAATACCTTTTAAATATTAATCAGTATACTTGAAGAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_133222  
**Insert Size:** 2217 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>	<a href="#">BC017134</a> , <a href="#">AAH17134</a>
<b>RefSeq Size:</b>	3148 bp
<b>RefSeq ORF:</b>	2217 bp
<b>Locus ID:</b>	170757
<b>UniProt ID:</b>	<a href="#">Q923X1</a>
<b>Cytogenetics:</b>	3 H3
<b>Gene Summary:</b>	Endothelial orphan receptor that acts as a key regulator of angiogenesis.[UniProtKB/Swiss-Prot Function]