

## Product datasheet for **MC219183**

### **Adgra1 (NM\_177469) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Adgra1 (NM_177469) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adgra1
Synonyms:	2900059M17Rik; D7Ertd680e; Gpr123
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219183 representing NM\_177469  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACTCAGTGGGATTTGAAGACTGTCCTCTCCCTGCCCCAGTACCCAGGGGAGTTCCTGCATCCTGTGG  
 TGTATGCCTGCACCGCGTCATGCTCCTGTGTCTCCTTGCTCTGTGCATCACCTACATCTTGCATCAGAG  
 TGCCATCCGGATAAGCCGAAAGGCCGGCACGCACTCCTCAACTTCTGCTTCCACGCCGCTCTGACCTTC  
 ACCGTGTTTGTGGTGGCATCAATCGCACCCAACACCCCATCCTGTGCCAAGCAGTGGGCATTGCTCTGC  
 ACTATTCCACGCTTTCTACCATGCTGTGGATCGGTGTGACTGCTAGGAACATCTACAAACAGGTGACCAA  
 GAAGGCCCTGCCATGTCCTGGAGCAGACCAGCCACCGTACCCTAAGCAGCCCTTGTCTCAGTTTCTACCTC  
 ATCAGCGGAGGGTCCCTTTCATCATCTGTGGGGTACAGCTGCCACAAACATCAGAAATATGGCACCG  
 AGGATGAGGACGTGGCATACTGCTGGATGGCTGGGAACCCAGCCTGGGTGCGTTCTATGGGCCGGCTGC  
 CTTCAATGCCCTGGTACCTGCGTGTACTTCTCTGCACCTACGTGCAGCTGCGGGCTCACCCGGAGCGC  
 AGGTATGAGCTCAGAGAGCGCACGGAGGAGCAGCAGCAGCTGGCTGTGCCAGAGAGCGGCCATCGCCACG  
 GAGTCCGTCGCCGGACCCACCCACCTGTGATGCCCTGGCTGCCTCGCAGCTGCAGAACGAGCATTCCCTT  
 CAAGGCTCAGCTTCGTGCCGCTGCCTTCACACTGTTTCTGTTACAGCTACATGGACCTTTGGGGCCCTG  
 GCTGTGTCTCAGGGCCACTTCTGGACATGATCTTCAGCTGTCTGTACGGCGCCTTCTGCGTGACTGG  
 GACTCTTTGACTTATCCATCACTGCGCAAGCGGGAGGACGTGTGGCAGTGTGGTGGTCTGTGCC  
 TTCCCGGGGAGACACCTCCACCACCAAGCCCGGCCATCCTACACTCGATGCCAACGGGGATGCGCTG  
 GGCATACGGCCTGCCTGCAGGACTCACCATGCCCTGGGAAACTCAGAGGTTTTGGCCATCCACCAGCCA  
 GCCACTGCAAGATGACCAACCTGCAGGCTGCCAGGGCCATGTGAGTGTCTGTACCTGCCACCCCGTG  
 CTGTGCCAAGATGCACTGTGAGCAGTTAATGGAGGAGGAGGCCGCCACATCCACATGGCTGAGGAGGAC  
 GTCTACCCACACGATCCCCACCTGCATGACCCTCACCTGCACAGGTGCCTCAAGGGCAGAATAAGTCCC  
 ACTACTTCAGCCGGCACCAGGAGCTGCGGCTGAGAGGGAGTATGCTTACCACATCCCCTCCAGCCTGGA  
 TGGCAGTCCCCACAGTTCACGTTTCGAGAGCCCCACCAGCTCTCTGGAGGGCCCAATGGGGATGCACACA  
 TTGGCCTGCTGTGCCAGGCTGACCCCTCCCCATGGTCAGCCAGCCTGAGGGTGGAGACACAAGCCCTG  
 GGCTCTATGGCTGCCCCACACCTATCCCCAGGCCCTGCCACTGGAGATGTACGAAGGACACAGTC  
 CCTGCCTTTGGGGGCCAGCCAGAATGGGCTGCTCCAGGTGATGTTCCGAGAAGGCTGCCATTTGGC  
 ACTGATGGACAGGGAACATCCGAACAGGACCCTGGAAAAATGAAACTACAGT**GTAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_177469

**Insert Size:** 1737 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:**

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:** [NM\\_177469.3](#), [NP\\_803420.2](#)

**RefSeq Size:** 4777 bp

**RefSeq ORF:** 1737 bp

**Locus ID:** 52389

**UniProt ID:** [Q8C4G9](#)

**Cytogenetics:** 7 84.89 cM