

## Product datasheet for **RN208587**

### Adgre5 (NM\_001012164) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adgre5 (NM_001012164) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adgre5
Synonyms:	Cd97
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208587 representing NM\_001012164  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGGGGCGTCAGCTGTACCTCTGCTCGTGTATGCTTTGTACCGAATCTCTCAGGAGTTGGAACCC  
 AAAAGGCATCGGGCTGTGCCAGGTGGTGCCTCCCAACTCAGAATGTGAGAGTAACAGAAGCTGTAAAGTG  
 CAAGCCAGGCTTCAACTCCTCCTCGCCGACGGTTTGATCACTAACCTGCACAGAGCTGTGAAGACATC  
 AACGAGTGTATACAAACCGATAATCTCTGTGGACCGTATGCCATGTGTATGAACTCAGAGGGGAGCTACT  
 ACTGCGTCTGCAACCTGGGATACAAGCTCCTTTCTGGGGCGGAATCTTTACTAATAAGAGTGAGAACAC  
 GTGTCAAGTCTGTCTCTCCAGCATCCGTGGACACTGGGATGATACCTGTGCCCTCCAGCATCCAC  
 ACAGTTCCTACTGCCAGAAAGCTCCCGGAGCAGCCAACTACAGTGCACCCACGGACACAGCTGGGAGACT  
 CAGGGGAAAGGACCCCAAGGATGTGAATGAATGCACCTCTGGGAAAACAGTGCCACCAGTCCACGCA  
 CTGCATCAACAAGATGGGCGGCTATTCTGCATCTGTCCGGAGGCTGGAACCTGCTCCTGGATCCCC  
 AATGGCCAGTCAACACAGTGTGTGAAGATGTGGATGAGTGCAGTCTGGCCAACATCAATGCCACAGTT  
 CCGCCATCTGCAAAAATATCCCTGGCTCCTACAAGTGGCCTGCCCTCCAGGTTGGATAGCAATTCCTCG  
 TGATAAGCCAAATAACACCGTATGCCAAGAACCACATTTCCCTACCTGGACGCTGCTGCCACAGCCAC  
 AGCCAGGCTCTGTTGAGTTTCTCTGTTGAAGTCCAGAATCTGCTCAGAGACTTCAATCCAGCCACGGTCA  
 ACTACACCATCCAGAACTCATCGAGGCTGTGGACAACTGCTGGAAATGCCATGGATATAGGGACTCA  
 AACCCAACAAGTTGCCACCCAGTTGCTCTGAACCTGGAGCAAAGCCTTCGGACCTTGGCCAGTTCTTA  
 CCCAAAGGCCCTTTCACCTACAAGTCCCCTTCAAACACTGAACTGGCCCTGATGGTCAAGGAGCAAGACA  
 ACAAAAGTGTACCACAGTGCACCACAGCCAAGCTTGGATGCAGCTGGACTGGGCTGTGACAGCTGGAGC  
 CAAAAGCTCAGAAAATGGCTACTCAGTGGCGGGCATCCTGTCCAGTCCAACATACAAAAGCTGCTGGCC  
 AACACCTCCTTGAACCTGGAGCAGAAGAGGGACACCTTGAAGACCTCTATGGAAGCCCGTTTCAGAGCG  
 TCACACTTACGTTCTCTCGAACATCAACGCCATCTTTCTGACCAACACAGACACTGAGAAGCTCGCCTC  
 AGATGTCACGTTCAAGTTCAACCTAACTTCTGTGAAGTCACTTAAGGCACGTGAAGAACTGATGTGTGCC  
 TACTGGAAAAGCCATGACAATGGGAGTGGGTCTGGGCCACTGACGGCTGCTCAATGAATGACACTGGCT  
 TCTGCCACTGCAACCCTGACCAGCTTGTCTCCTAATGGCTCAGTACCACGTGCAGGACCCAAGGCT  
 GGAAGTATCACAAGGTGGGGTTGCTGTCTCCCTGGTCTGCCTGCTGTCTGTATCCTGACCTTCTCTG  
 CTGGTGAAGCCATCCAGAGTTCTGAACCATGGTGCACCTGCACCTGTGCATCTGCCTTTCTCTGGGCT  
 CAGTCATCTTCTGGTTGGTGTGAGAATGAAGGGGGCGAGGTGGTCTGCGCTGCCGCCTGGTGGCTAT  
 GCTGCTGCATTTCTGCTTCTGGCCGCTTCTGCTGGATGGCCCTGGAGGGTGTGGAGCTCTACTTCTCTG  
 GTGGTGGCTGTGTTCCAGGGCCAAGGCCTGAGCACGTGGCACCCTGTCTGGTTGGCTATGGGGTGCCCC  
 TCCTCATCGTGGCCATCTCGGCAGCTGCCAGAATGGACGGCTATGGGCATGCGACCTACTGCTGGTTGGA  
 CTTTCAGGAAGCAGGGCTTCTCTGGAGCTTTTCGGGCCCTGTGGCCTTCAATTTTCTGCAATGCTGCC  
 ATTTTTGTGATCACTGTCTGGAAGCTCACCAAGAAGTTTTCTGAAATCAACCCAAACATGAAGAAATTA  
 GGAAGGCGAGAGTGTGACCATCACAGCATTGCCAGCTCCTCGTGTGGCTGCACCTGGGGCTTCGG  
 CCTGTTCTCTTCAACCCTCATAGCACATGGCTGTCTACATCTTACCCTGCTCAACTGCCTGCAGGGC  
 CTTTTCTCTATGTGACGCTCTGCCTGCTCAACAAAAGGTGAGGGAAAGTACTGGAAAATGGGCCTGCA  
 TGGTACCAGGAAACAAGTACACAGAGTTCACCTCTCCACAACAGGCACTGGCACCAGTCAAACACGGAC  
 CCTCAGGCCCTCAGAATCGGGGAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001012164  
**Insert Size:** 2478 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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\\_001012164.1](#), [NP\\_001012164.1](#)

**RefSeq Size:** 3046 bp

**RefSeq ORF:** 2478 bp

**Locus ID:** 361383

**Cytogenetics:** 19q11