

Product datasheet for **RN213747**

Adcy9 (NM_001106980) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adcy9 (NM_001106980) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adcy9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213747 representing NM_001106980
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTCTCACCCACCAGCAGCTGCTGCATCACCATAGCACCGAGGTGAGCTGCGACTCAAGCGGAG
 ACAGCAACAGCGTGAGGGTCAAGATCAACCCTAAGCAGCTGTCTCCAACACCCACCCGAAGCACTGCAA
 GTACAGCATCTCTCCAGCTGTAGCAGCTCGGGAGACTCAGGGGCCCTCCCGCGGGTGGGCGCGGG
 GGTGCGCTGCGAAGACAGAAGAAGCTGCCCCAGCTGTTGAGAGGGCCTCCAGCCGGTGGTGGGACCCCA
 AATTGCACTCCGTGAACCTGGAGGAGCCTGCCTGGAGCGCTGCTTCCGAGACCCAGCGCCGCTTCCG
 GTACGCACTCTTTATGTGGCTTCGCCTGCCTTCTCTGGAGCATCTATTTGCTGTCCACATGAGATCC
 AAAGTATTGTCATGGTGGTCCCGCTCTGTGCTTCTGGTGGTATGTGTGGCTTTTTCTGTTTACTT
 TCACCAAGCTGTACGCCCGCATTATGCGTGGACCTCGCTGGCTCTCACCTGCTGGTGTTCGCCCTGAC
 CCTGGCTGCGCAGTTTCAGTGGTGGACACCTCTGTGCGGACGTGTGACAGCCCAATCATACTCTCAGC
 GCCAAGCGCGGACACTTGCTTATCTCAAGTGGGGAGCTTCTCCATGTGCATCGAAGTGTCTTTTTGC
 TTTACACGGTCATGCATTTACCTCTGTACCTGAGCTTGTTTTTGGGGTGGTCTATTCTGTCTTTTTGA
 GACCTTCGGTTACCATTTCCGAAATGAAGACTGCTTTCCTTCCCGGACCCCGGGCCCTGCACTGGGAG
 CTGCTGAGCAGAGCCCTGCTCCAGTGTGCATCCATGCCATTGGGATCCATCTGTTTGTATGTCTCAGG
 TGAGGTCCAGGAGCACCTTCTCAAGGTAGGACAATCCATTATGCACGGCAAAGATCTGGAAGTAGAGAA
 AGCCCTGAAGGAGAGGATGATTCAGTCCGTGATGCCGAGAATCATAGCTGACGACTTAATGAAGCAGGGG
 GATGAGGAGAGCGAGAATTCTGTCAAGAGGCAGCCACCTCCAGTCCCAAGAACAGGAAGAAGAAGGCCT
 CCATCCAGAAAGCGCCCATAGCATTCCGCCCTTTAAGATGCAGCAGATTGAAGAAGTCAATTTTTATT
 TGCAGACATCGTGGGGTTCACCAAGATGAGTGTAAACAAATCTGCTCACGCCTTGGTAGGGCTACTCAAT
 GATCTGTTGCGCCGCTTCGACCGGTTGTGCGAGGAGACCAAGTGTGAAAAGATCAGCACCTGGGAGACT
 GTTACTACTGTGTGGCAGGGTGTCCGGAGCCCGGGCAGACCATGCCTACTGCTGTATCGAGATGGGCTT
 AGGCATGATAAAAAGCCATCGAGCAGTCTGCCAGGAGAAGAAAGAGATGGTGAACATGCGAGTCGGGGT
 CACACGGGACGGTCTTGTGTGGCATCTGGGCATGAGGAGGTTAAATTTGATGTGTGGTCCAATGATG
 TGAACCTGGCTAACCTCATGGAGCAGCTGGGAGTGGCCGGCAAAGTCCACATATCCGAGGCCACTGCAA
 ATACTTAGACGACAGGTACGAAATGGAAGATGGGAGATTATGGAGCGTCTTGGGACAGATGTGGTCTGCT
 GACCAGTTGAAAGAGAGACAGCTAAAGTTACCCTCTCCTGTTTTGAAAAGAAAATTAATAGCATATGCA
 TGTTTACATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001106980
- Insert Size:** 1761 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_001106980.1](#), [NP_001100450.1](#)

RefSeq Size: 1983 bp

RefSeq ORF: 1761 bp

Locus ID: 302950

Cytogenetics: 10q12