

Product datasheet for RN213767

Adcy10 (NM_021684) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adcy10 (NM_021684) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adcy10
Synonyms:	Sac
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213767 representing NM_021684 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGTCCCCGAAGGCAGGAATTACAGGACAGGGCAATCGTCAAGATAGCTGCTCACTTACCGACCTCA
TTGTCTATGGAGATTTCTCTCCGAGCGCCGTCAGTAAAATGTTTTGATGGAGTTCTGATGTTTGTGCGA
TATTTTCAGGCTTTACTGCAATGACTGAGAAGTTCAGCACAGCCATGTACATGGACCGAGGAGCCGAGCAG
CTGGTGGAGATCCTCACTACTACATAAGTGCGATAGTGGAGAAAAGTACTGATTTTTGGAGGAGACATCC
TAAATTTGACAGGTGACGCCCTTGTGGCCCTGTGAAAAGTGGAAACGAAAGCAACTGAAGAATATCATCAC
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 CTCATGGCTAACGTACTAGGCTGGATACTTGTAAACATTACAAAGAACGACAGACCAATCTTCAAATA
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 CCCTGAAAGGCGAAGCCTTTGAAATCATGGCCTATGCAGCCGACGCACTGGGCCATCAAGTCTTAAC
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 AACAAATACCATATGGTCTCTGCAGACTGAGTAAACCTTTTCTTGAAGAGCAGATACAAGCATTGG
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 TTTCTGCTGCTGGACATCATGCTTTATCTGGCTTCAATACAGAACATTTGAAGAATGTTTGAATTC
 ATACACCACAATGAAGACAACAGAATCCTCAAGTTCCAAAGCGGACTCCTCTGGACTTTACTCCTGCA
 TAGCTGTCTGGTACGCCAGACTTCAGGAATGGGACAACCTTTTACAAATTTTCCAATAGAGCGAAGACTTT
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 TAGAGACCCTTGTGGCTCAAAATACCACTGGCCCCGTCTTCTACCCAGGCTCTACCATTGATGGCCTA
 TGTCTGTATACTGATGGGAGACGGGCACAGTTGTGACTTCTTCTAAACACAGCCTTGGAGCTCTGAG
 ACACAGGGGAATTTGCTGGAGAAATGTTGGCTGAGCATGAGTAAGGAATGGTGGTACTCAGCCCCGAGT
 TGACAGGAGATCAATGGCTTCCAGACAGTCTTGTGCTCCCATCGTGGGATAAAATGATCAGGCAACGT
 AACCTTCAGGATGTTCAAAGAACAATCTTGTGATGAGGTTAATATTCTGGACAATCCTTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:	NM_021684
Insert Size:	4827 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:	<ol style="list-style-type: none">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_021684.1 , NP_067716.1
RefSeq Size:	5177 bp
RefSeq ORF:	4827 bp
Locus ID:	59320
UniProt ID:	Q9Z286
Cytogenetics:	13q23
Gene Summary:	cytosolic adenylyl cyclase [RGD, Feb 2006]