

## Product datasheet for **SC209777**

### ADCY3 (NM\_004036) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ADCY3 (NM\_004036) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ADCY3  
**Synonyms:** AC-III; AC3; BMIQ19  
**ACCN:** NM\_004036  
**Insert Size:** 793 bp  
**Insert Sequence:** >SC209777 3'UTR clone of NM\_004036  
The sequence shown below is from the reference sequence of NM\_004036. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGCCCCACCAGGTGGTGGACAACCTCTGAATGGCCTCGAGCCTGCAACAGTCCAAACCGGAAGGGAGA
ATTTATTTTTTGAACCTGAAGGAAGTCCCGACCTTCTGGATTGAAGTGCACACTCATGGACTTTAGGT
TTAGAAACCTCCTCAGCCTTCATTTGTTGCGTGGATGTTGAGCTCTGAGGGTGGCCCTGCTATTCCTGT
GTGTGCCTGTAGTGTCCCGAGCATAGGGGTCTTAGGCATAGGGCTGAACAGTCTTCCAGAGCCCTCGT
TCCAATCCCTGCCGCTCTTGCCCTGAGGGGCCCTGACCACTGTGAGCAGGAGGGTGGCAGAGCTGGGA
CAAAGCTGCCTTTGCCGCTGGGCTTTCCGGACTGTGGAGGGAGCACAGGCGGGGAAGCTCCACTTCAG
ACAGGGCTTGGTGGGCAGGACATGGCTCCATTTTGAAGGGAGGTCTCCATGTGGTCCGAGTGAGGTG
AGACGGCCCTCGTCTGGTGTTCCTGATCATCTTGAAAGTTCTTCTGAACTCCTGTCCCTTAGTCA
TGAGAACAGAAAGTCAATATTTCTTTACCTGGCAGGGGAGGGGGATTTATTTCTGAAAGAAAAAT
ATATAACAGATCTTCTACATTTATTTTTAATCTTCTGTTAAATACACTTCCGATATTGCCCTTGCC
TTTTGAGCTCTTGCTACAGTCGCCTTTGCTACTGCTTTAAGAGAAATTTACAGGTATTGATAAAGAACAA
GACTGTTTTATTAAGCTTTATTCAACTTAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<u><a href="#">NM_004036.5</a></u>
<b>Summary:</b>	This gene encodes adenylyl cyclase 3 which is a membrane-associated enzyme and catalyzes the formation of the secondary messenger cyclic adenosine monophosphate (cAMP). This protein appears to be widely expressed in various human tissues and may be involved in a number of physiological and pathophysiological metabolic processes. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2016]
<b>Locus ID:</b>	109
<b>MW:</b>	29.3