

## Product datasheet for **RC230718L4V**

### ADCY10 (NM\_001167749) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ADCY10 (NM_001167749) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ADCY10
Synonyms:	HCA2; HEL-S-7a; hsAC; SAC; SACI; Sacy
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001167749
ORF Size:	4371 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230718).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_001167749.2</a>
RefSeq Size:	4977 bp
RefSeq ORF:	4374 bp
Locus ID:	55811
UniProt ID:	<a href="#">Q96PN6</a>
Cytogenetics:	1q24.2
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Purine metabolism



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**MW:** 169.7 kDa

**Gene Summary:** The protein encoded by this gene belongs to a distinct class of adenylyl cyclases that is soluble and insensitive to G protein or forskolin regulation. Activity of this protein is regulated by bicarbonate. Variation at this gene has been observed in patients with absorptive hypercalciuria. Alternatively spliced transcript variants encoding different isoforms have been observed. There is a pseudogene of this gene on chromosome 6. [provided by RefSeq, Jul 2014]