

Product datasheet for **MR225278L4V**

Adcy5 (NM_001012765) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Adcy5 (NM_001012765) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Adcy5
Synonyms:	Ac5; AW121902
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001012765
ORF Size:	3786 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225278).
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. More info
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:	NM_001012765.4
RefSeq Size:	5060 bp
RefSeq ORF:	3789 bp
Locus ID:	224129
UniProt ID:	P84309
Cytogenetics:	16 B3



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Gene Summary:

Catalyzes the formation of the signaling molecule cAMP in response to G-protein signaling. Mediates signaling downstream of ADRB1. Regulates the increase of free cytosolic Ca(2+) in response to increased blood glucose levels and contributes to the regulation of Ca(2+)-dependent insulin secretion.[UniProtKB/Swiss-Prot Function]