

Product datasheet for **MR219140L4V**

Adcyap1r1 (NM_007407) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Adcyap1r1 (NM_007407) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Adcyap1r1
Synonyms:	2900024I10Rik; AI846590; PAC1; PAC1R; PACAP1-R
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007407
ORF Size:	1488 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR219140).
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_007407.4 , NP_031433.3
RefSeq Size:	6262 bp
RefSeq ORF:	1491 bp
Locus ID:	11517
UniProt ID:	P70205
Cytogenetics:	6 B3



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Gene Summary:

This is a receptor for PACAP-27 and PACAP-38. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. May regulate the release of adrenocorticotropin, luteinizing hormone, growth hormone, prolactin, epinephrine, and catecholamine. May play a role in spermatogenesis and sperm motility. Causes smooth muscle relaxation and secretion in the gastrointestinal tract.[UniProtKB/Swiss-Prot Function]