

Product datasheet for MR207484L4V

OriGene Technologies, Inc.

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Adcyap1r1 (NM_001025372) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Adcyap1r1 (NM_001025372) Mouse Tagged ORF Clone Lentiviral Particle

Symbol: Adcyap1r1

Synonyms: 2900024l10Rik; Al846590; PAC1; PAC1R; PACAP1-R

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_001025372

ORF Size: 1404 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(MR207484).

OTI Disclaimer:

Sequence:

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

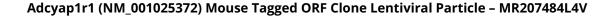
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeq: NM 001025372.2, NP 001020543.1

RefSeq Size: 6178 bp
RefSeq ORF: 1407 bp
Locus ID: 11517
Cytogenetics: 6 B3







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]