

Product datasheet for **MC206190**

Adcyap1r1 (BC067039) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adcyap1r1 (BC067039) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adcyap1r1
Synonyms:	PAC1, PACAP1-R, PAC1R
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC067039
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CCTTCTTCTTCTGCACAGGCTGGGGCTGCGGGCCAGTGCCTGCGCATGTTTGTGCCTCTCCCCTCTCCTT
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- Restriction Sites:** Ascl-NotI
- ACCN:** BC067039
- Insert Size:** 1407 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
- RefSeq:** [BC067039](#), [AAH67039](#)
- RefSeq Size:** 6157 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]