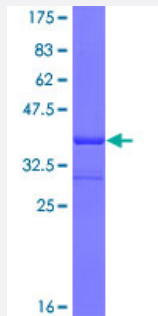


# ADCYAP1R1 (Human) Recombinant Protein (Q01)

Catalog # H00000117-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human ADCYAP1R1 partial ORF ( NP_001109, 21 a.a. - 120 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MHSDCIFKKEQAMCLEKIQRANELMGFNDSSPGCPGMWDNITCWKPAHV GEMVLVSCPELFRIF NPDQVWETETIGESDFGDSNSLDLSDMGVVSRNCTE
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.74
<b>Interspecies Antigen Sequence</b>	Mouse (85); Rat (86)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — ADCYAP1R1

Entrez GeneID [117](#)

GeneBank Accession# [NM\\_001118](#)

Protein Accession# [NP\\_001109](#)

Gene Name ADCYAP1R1

Gene Alias PAC1, PACAPR, PACAPRI

Gene Description adenyate cyclase activating polypeptide 1 (pituitary) receptor type I

Omim ID [102981](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes type I adenyate cyclase activating polypeptide receptor, which is a membran e-associated protein and shares significant homology with members of the glucagon/secretin rec eptor family. This receptor mediates diverse biological actions of adenyate cyclase activating pol ypeptide 1 and is positively coupled to adenyate cyclase. Alternative splicing of two exons of this gene generates four major splice variants, but their full-length nature has not been determined. [pr ovided by RefSeq

**Other Designations** OTTHUMP00000025502|OTTHUMP00000123435|adenylate cyclase activating polypeptide 1 (pi tuitary) receptor type 1|pituitary adenyate cyclase activating polypeptide 1 receptor type I Hiphop

## Pathway

- [Neuroactive ligand-receptor interaction](#)

## Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)