



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### ADCYAP1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00000116-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human ADCYAP1 full-length ORF ( AAH93837.1, 1 a.a. - 176 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MTMCSGARLALLVYGIIMHSSVYSSPAAAGLRFPGIRP  
EEEAYGEDGNPLPDFDGSEPPGAGSPASAPRAAAAW  
YRPAGRRDVAHGILNEAYRKVLDQLSAGKHLQSLVAR  
GVGGSLLGGAGDDAEPLSKRHS DGIFTDSYSRYRKQ  
MAVKKYLAAVLGKRYKQRVKNKGRRRIAYL

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 45.2

**Interspecies Antigen Sequence:** Mouse (82); Rat (82)

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 116

**Gene Symbol:** ADCYAP1

**Gene Alias:** MGC126852, PACAP

**Gene Summary:** This gene encodes adenylyate cyclase

activating polypeptide 1. Mediated by adenylyate cyclase activating polypeptide 1 receptors, this polypeptide stimulates adenylyate cyclase and subsequently increases the cAMP level in target cells. Adenylyate cyclase activating polypeptide 1 is not only a hypophysiotropic hormone, but also functions as a neurotransmitter and neuromodulator. In addition, it plays a role in paracrine and autocrine regulation of certain types of cells. This gene encodes three different mature peptides, including two isotypes, a shorter form and a longer form. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]