

Recombinant Full Length Human ADCYAP1 Protein, GST-tagged

Cat. No. ADCYAP1-906HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADCYAP1 full-length ORF (AAH93837.1, 1 a.a. - 176 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	176 amino acids
Description	This gene encodes a secreted proprotein that is further processed into multiple mature peptides. These peptides stimulate adenylate cyclase and increase cyclic adenosine monophosphate (cAMP) levels, resulting in the transcriptional activation of target genes. The products of this gene are key mediators of neuroendocrine stress responses. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2013]
Molecular Mass	45.2 kDa
AA Sequence	MTMCSGARLA LLVYGIIMHS SVYSSPAAAG LRFPGIRPEE EAYGEDGNPL PDFDGSEPPG AGSPASAPRA AAAWYRPAGR RDVAHGILNE AYRKVLDQLS AGKHLQSLVA RGVGGSLGGG AGDDAEPLSK RHSDGIFTDS YSRYRKQMAV KKYLA AVL GK RYKQRVKNKG RRIAYL
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

GENE INFORMATION

Gene Name [ADCYAP1 adenylate cyclase activating polypeptide 1 \(pituitary\) \[Homo sapiens \]](#)

Official Symbol [ADCYAP1](#)

Synonyms ADCYAP1; adenylate cyclase activating polypeptide 1 (pituitary); pituitary adenylate cyclase-activating polypeptide; PACAP; MGC126852

Gene ID [116](#)

mRNA Refseq [NM_001099733](#)

Protein Refseq [NP_001093203](#)

MIM [102980](#)

UniProt ID [P18509](#)

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