

Datasheet for ABIN2714397

PACAP Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	20 µg
Target:	PACAP (ADCYAP1)
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PACAP protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human ADCYAP1 / PACAP (transcript variant 2) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	PACAP (ADCYAP1)
Alternative Name:	Adcyap1,pacap (ADCYAP1 Products)
Background:	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

Target Details

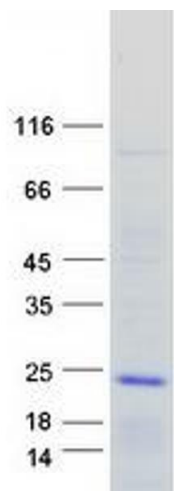
	products of this gene are key mediators of neuroendocrine stress responses. Alternative splicing results in multiple transcript variants.
Molecular Weight:	4.5 kDa
NCBI Accession:	NP_001108
Pathways:	Neurotrophin Signaling Pathway , Positive Regulation of Peptide Hormone Secretion , Hormone Activity , cAMP Metabolic Process , Synaptic Membrane , Production of Molecular Mediator of Immune Response , Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot