

## Datasheet for ABIN7317286 **ADCYAP1R1 Protein (Fc Tag)**



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### Overview

Quantity:	50 µg
Target:	ADCYAP1R1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADCYAP1R1 protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant Human ADCYAP1R1 Protein (Fc Tag)
Sequence:	Met 1-Ala 155
Characteristics:	A DNA sequence encoding the human ADCYAP1R1 (P41586) extracellular domain (Met 1-Ala 155) was fused with the Fc region of human IgG1 at the C-terminus.
Purity:	> 88 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

### Target Details

Target:	ADCYAP1R1
Alternative Name:	ADCYAP1R1 ( <a href="#">ADCYAP1R1 Products</a> )
Background:	Background: SERPINB3, also known as SCCA-1, belongs to the serpin family. Serpins are a group of proteins with similar structures that were first identified as a set of proteins able to inhibit proteases. The acronym serpin was originally coined because many serpins inhibit

## Target Details

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chymotrypsin-like serine proteases. SERPINB3 is expressed in some hepatocellular carcinoma (at protein level). Its expression is closely related to cellular differentiation in both normal and malignant squamous cells. It seems to also be secreted in plasma by cancerous cells but at a low level. SERPINB3 significantly attenuates apoptosis by contrasting cytochrome c release from the mitochondria and by antichemotactic effect for NK cells. It may act as a protease inhibitor to modulate the host immune response against tumor cells and may be involved in the malignant behavior of squamous cell carcinoma cells.

Synonym: PAC1,PAC1R,PACAPR,PACAPRI

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Molecular Weight: 42 kDa

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UniProt: [P41586](#)

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Pathways: [Neurotrophin Signaling Pathway](#), [cAMP Metabolic Process](#), [Regulation of Carbohydrate Metabolic Process](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.