

Product datasheet

Recombinant Human PACAP receptor/ADCYAP1R1 protein ab114647

[1 Image](#)

Description

Product name	Recombinant Human PACAP receptor/ADCYAP1R1 protein	
Expression system	Wheat germ	
Accession	<u>P41586</u>	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MHSDCIFKKEQAMCLEKIQRANELMGFNDSSPGCPGMW DNITCWKPAHVG EMVLVSCPELFRIFNPDQVWETETIGESDFGDSNSLDLSD MGVVS RNCTE	
Predicted molecular weight	37 kDa including tags	
Amino acids	21 to 120	

Specifications

Our **Abpromise guarantee** covers the use of **ab114647** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot ELISA SDS-PAGE
Form	Liquid
Additional notes	This product was previously labelled as PACAP receptor.

Preparation and Storage

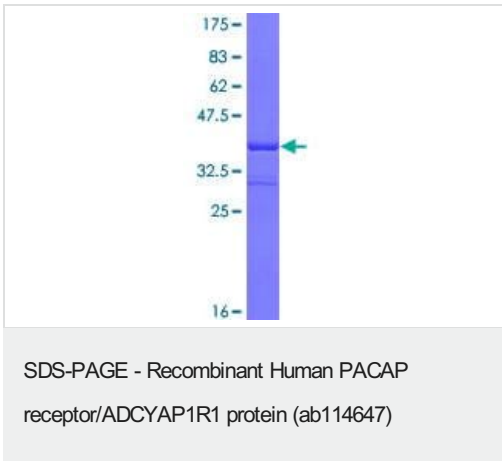
Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00
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Constituents: 0.3% Glutathione, 0.79% Tris HCl

General Info

Function	This is a receptor for PACAP-27 and PACAP-38. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. May regulate the release of adrenocorticotropin, luteinizing hormone, growth hormone, prolactin, epinephrine, and catecholamine. May play a role in spermatogenesis and sperm motility. Causes smooth muscle relaxation and secretion in the gastrointestinal tract.
Tissue specificity	Most abundant in the brain, low expression in the lung, liver, thymus, spleen, pancreas and placenta.
Sequence similarities	Belongs to the G-protein coupled receptor 2 family.
Cellular localization	Cell membrane.

Images



ab114647 analysed on a 12.5% SDS-PAGE gel stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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