

Datasheet for ABIN7548771

PRKAR1A Protein (AA 1-381) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PRKAR1A
Protein Characteristics:	AA 1-381
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRKAR1A protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat PRKAR1A Protein expressed in mammalian cells.
Sequence:	<p>MESGSTAASE EARSRECEL YVQKHNIQAL LKDSIVQLCT ARPERPMAFL REYFERLEKE EAKQIQNLQK AGTRTDSRED EISPPPPNPV VKGRRRRGAI SAEVYTEEDA ASYVRKVIPK DYKTMAALAK AIEKNVLFSL LDDNERSDIF DAMFSVSFIA GETVIQQGDE GDNFYVIDQG ETDVYVNNEW ATSVGEGGSF GELALIYGTP RAATVKAKTN VKLWGIDRDS YRRILMGSTL RKRKMYEEFL SKVSILES LD KWERLTVADA LEPVQFEDGQ KIVVQGE PGD EFFIILEGSA AVLQRRSENE EFVEVGRLGP SDYFGEIALL MNRPRAATVV ARGPLKCVKL DRPRFERVLG PCSDILKRNI QQYNSFVSLS V</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
---------	---

Grade:	custom-made
--------	-------------

Target Details

Target:	PRKAR1A
---------	---------

Alternative Name:	PRKAR1A (PRKAR1A Products)
-------------------	--

Background:	CAMP-dependent protein kinase type I-alpha regulatory subunit (Tissue-specific extinguisher 1) (TSE1),FUNCTION: Regulatory subunit of the cAMP-dependent protein kinases involved in cAMP signaling in cells. {ECO:0000269 PubMed:16491121, ECO:0000269 PubMed:20215566, ECO:0000269 PubMed:26405036}.
-------------	--

Molecular Weight:	43.0 kDa
-------------------	----------

UniProt:	P10644
----------	------------------------

Pathways:	Hedgehog Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Myometrial Relaxation and Contraction , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma
-----------	---

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a
--------------------	--

Application Details

	guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months