

Datasheet for ABIN7561331

## PAK1IP1 Protein (AA 1-382) (His tag)



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### Overview

Quantity:	1 mg
Target:	PAK1IP1
Protein Characteristics:	AA 1-382
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAK1IP1 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant Pak1ip1 Protein expressed in mammalian cells.
Sequence:	<p>MELVAGSYEQ VLFGFTVQRG PAKSGHQETW TPVADFTHHS HTASLSVLAS NSRYVVSGSK  DETIIHYDMK RKVEHGALVH HAGTVTCLKF HGNQHLISGA EDGHICIWDV KRWKCLKTFK  AHRGHVTFLS IHPSGKLALS VGTDKTLRTW NLIEGRSAFI KNIKENAHIV EWSPSGGKYI  VVVQNKVDVY RLGTASVSGT ITNGKRISSV TFLSDSVLAV AGDEEVVRIF DCDSLECLCE  FRAHENRVKD MVSFEVPDHH VLVTASNDGF IKMWTLPQDK KVPPSLLCEA KTGARLTCLT  VWLDRAANGM ASLPPAAEPC PDQPKTIEKE SGDTVQEETS EPNSEKSDVS GDSKQPTKGN  SPVTAKKRKM ATMSEKKRKK KM</p> <p><b>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.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	PAK1IP1
Alternative Name:	Pak1ip1 ( <a href="#">PAK1IP1 Products</a> )
Background:	<p>P21-activated protein kinase-interacting protein 1 (PAK1-interacting protein 1) (Putative PAK inhibitor Skb15),FUNCTION: Negatively regulates the PAK1 kinase. PAK1 is a member of the PAK kinase family, which has been shown to play a positive role in the regulation of signaling pathways involving MAPK8 and RELA. PAK1 exists as an inactive homodimer, which is activated by binding of small GTPases such as CDC42 to an N-terminal regulatory domain. PAK1IP1 also binds to the N-terminus of PAK1, and inhibits the specific activation of PAK1 by CDC42. May be involved in ribosomal large subunit assembly.</p> <p>{ECO:0000250 UniProtKB:Q9NWT1}.</p>
Molecular Weight:	42.1 kDa
UniProt:	<a href="#">Q9DCE5</a>
Pathways:	<a href="#">Telomere Maintenance</a>

## Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a 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