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Datasheet for ABIN1635370

**PAK3 Protein (PAK3) (AA 1-544) (His tag)**

## Overview

Quantity:	1 mg
Target:	PAK3
Protein Characteristics:	AA 1-544
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAK3 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MSDSL DNEEK PPAPPLRMNS NNRDSSALNH SSKPLMAPE EKNKKARLRS IFPGGGDKTN KKKEKERPEI SLPSDFEHTI HVGFD AVTGE FTGIPEQWAR LLQTSNITKL EQKKNPQAVL DVLKFYDSKE TVNNQKYMSF TSGDKSAHG YIAAHQSNTKT ASEPLAPPV SEEEEEEEEE EEDDNEPPP V IAPRPEHTKS IYTRSVVESI ASPAAPNKEA TPPSAENANS STLYRNTDRQ RKKS KMTDEE ILEKLRSIVS VGDPKKKYTR FEKIGQGASG TVYTALDIAT GQEVAIKQMN LQQQPKKELI INEILVMREN KNPNI VNYLD SYLVGDELWV VMEYLAGGSL TDVVTETCMD EGQIAAVCRE CLQALDFLHS NQVIHRDIKS DNILLGMDGS VKLTDFGFCA QITPEQSKRS TMVGTPYWMA PEVVTRKAYG PKVDIWSLGI MAIEMVEGEP PYLNENPLRA LYLIATNGTP ELQNPERLSA VFRDFLNRCL EMDVDRRGSA KELLQHPFLK LAKPLSSLTP LILAAKEAIK NSSR
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

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Purity: > 90 %

## Target Details

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Target: PAK3

Alternative Name: Serine/threonine-protein kinase PAK 3 (Pak3) ([PAK3 Products](#))

Background: Recommended name: Serine/threonine-protein kinase PAK 3.  
EC= 2.7.11.1.  
Alternative name(s): Beta-PAK p21-activated kinase 3.  
Short name= PAK-3 p65-PAK

UniProt: [Q62829](#)

## Application Details

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Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

## Handling

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.