

# Recombinant human PAK4 protein ab96405

[1 References](#) [5 图像](#)

### 描述

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产品名称	重组人PAK4蛋白
生物活性	The Specific activity of ab96405 was determined to be 72 nmol/min/mg. The specific activity of ab96405 was determined to be 72 nmol/min/mg.
纯度	> 90 % Densitometry. Affinity purified.
表达系统	Baculovirus infected insect cells
Accession	<b><u>O96013</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	90 kDa including tags
氨基酸	1 to 591

### 技术指标

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Our **Abpromise guarantee** covers the use of **ab96405** in the following tested applications.

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

应用	SDS-PAGE Functional Studies
形式	Liquid

### 制备和贮存

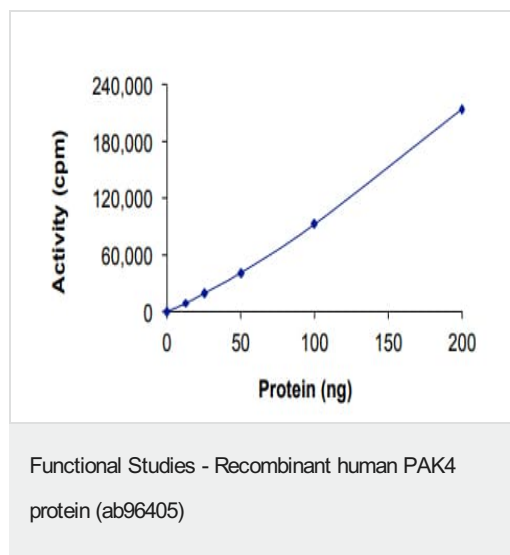
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稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.307% Glutathione, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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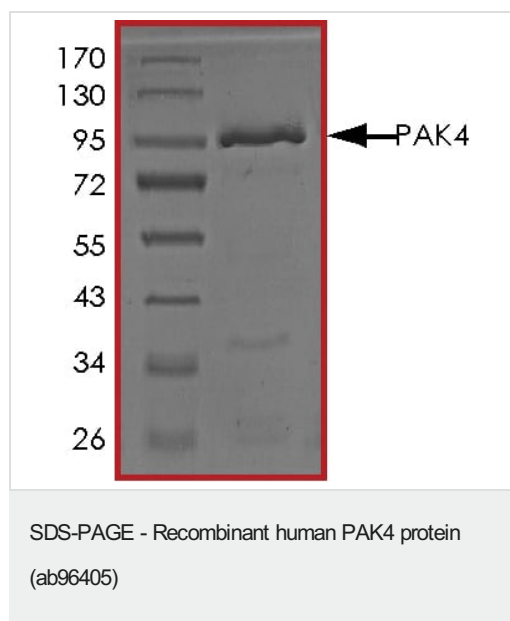
## 常规信息

<b>功能</b>	Activates the JNK pathway. Plays a role in the reorganization of the actin cytoskeleton and in the formation of filopodia. Phosphorylates and inactivates the protein phosphatase SSH1, leading to increased inhibitory phosphorylation of the actin binding/depolymerizing factor cofilin. Decreased cofilin activity may lead to stabilization of actin filaments. Phosphorylates ARHGEF2.
<b>组织特异性</b>	Highest expression in prostate, testis and colon.
<b>序列相似性</b>	Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily. Contains 1 CRIB domain. Contains 1 protein kinase domain.
<b>翻译后修饰</b>	Autophosphorylated on serine residues when activated by CDC42/p21. Phosphorylated on tyrosine residues upon stimulation of FGFR2.

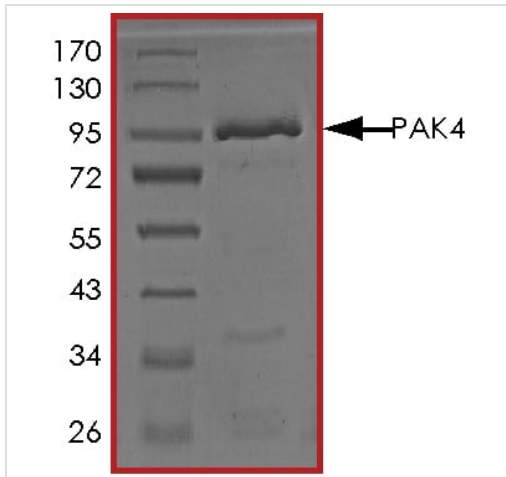
## 图片



The specific activity of PAK4 (ab96405) was determined to be 62 nmol/min/mg as per activity assay protocol

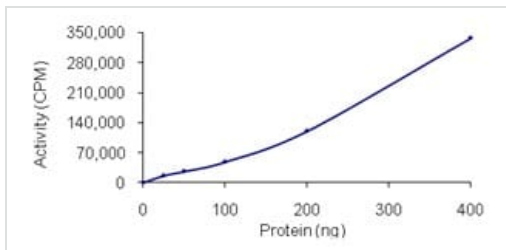


SDS PAGE analysis of ab96405



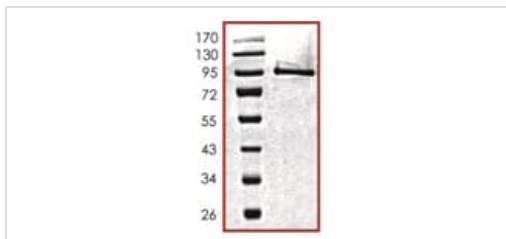
SDS PAGE analysis of ab96405

SDS-PAGE - Recombinant human PAK4 protein (ab96405)



Kinase Assay demonstrating specific activity of ab96405.

Functional Studies - Recombinant human PAK4 protein (ab96405)



SDS-PAGE showing ab96405 at approximately 90kDa.

SDS-PAGE - Recombinant human PAK4 protein (ab96405)

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

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