

Product datasheet

Recombinant human PAK1 protein ab125805

2 图像

概述

产品名称	重组人PAK1蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Baculovirus infected Sf9 cells

氨基酸序列

Accession	<a href="#">Q13153</a>
种属	Human
分子量	95 kDa including tags
氨基酸	1 to 545

技术指标

Our [Abpromise guarantee](#) covers the use of **ab125805** in the following tested applications.

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

生物活性	The specific activity of ab125805 was determined to be 68 - 74 nmol/min/mg.
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应用	Western blot Functional Studies SDS-PAGE
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纯度	> 95 % Densitometry. Purity was determined to be >95% by densitometry.
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形式	Liquid
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制备和贮存

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: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA,
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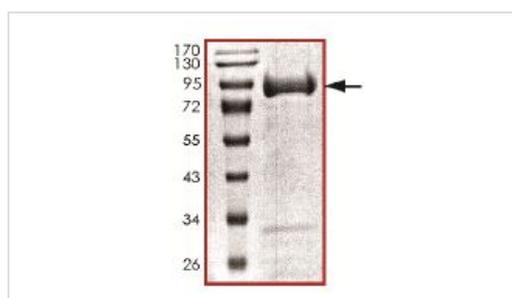
25% Glycerol, 0.88% Sodium chloride

This product is an active protein and may elicit a biological response in vivo, handle with caution.

## 常规信息

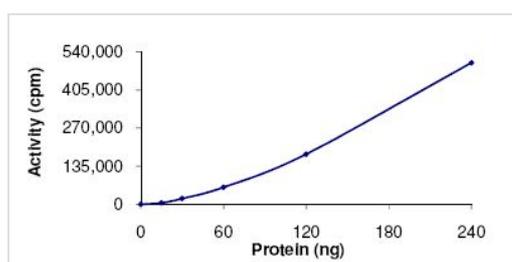
<b>功能</b>	The activated kinase acts on a variety of targets. Likely to be the GTPase effector that links the Rho-related GTPases to the JNK MAP kinase pathway. Activated by CDC42 and RAC1. Involved in dissolution of stress fibers and reorganization of focal complexes. Involved in regulation of microtubule biogenesis through phosphorylation of TBCB. Activity is inhibited in cells undergoing apoptosis, potentially due to binding of CDC2L1 and CDC2L2.
<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 when activated by CDC42/p21 and RAC1.
<b>细胞定位</b>	Cytoplasm. Cell junction > focal adhesion. Recruited to focal adhesions upon activation.

## 图片



SDS-PAGE analysis of ab125805.

SDS-PAGE - PAK1 protein (Active) (ab125805)



Sample Kinase Assay showing the specific activity of ab125805 to be 68 nmol/min/mg.

Functional Studies - PAK1 protein (Active)  
(ab125805)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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