

### PAK peptide substrate ab204872

#### 描述

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产品名称	PAK多肽底物
纯度	> 96 % HPLC.
无动物成分	No
性质	Synthetic
序列	RRRLSFAEPG
额外的序列信息	The 10 amino acids of PAK peptide RRRLSFAEPG contain a serine/threonine protein kinase phosphorylation site in a common seven-residue epitope.
描述	PAK1多肽

#### 技术指标

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Our **Abpromise guarantee** covers the use of **ab204872** in the following tested applications.

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

应用	HPLC Functional Studies
形式	Lyophilized
补充说明	ab204872 (PAK peptide substrate) can be utilized as a substrate for the following active protein kinases:  <b>ab89757</b> (Active human PAK6 full length protein) <b>ab125604</b> (Active human PRKX full length protein)

#### 制备和贮存

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稳定性和存储	Shipped at 4°C. Store at -20°C. Avoid freeze / thaw cycle.
复溶	Dilute peptide in 20mM Tris-HCl, pH 7.5 solution to a final concentration of 1 mg/ml. For optimal storage, aliquot diluted product into smaller quantities and store at recommended temperature.

## 常规信息

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<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.

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

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- Response to your inquiry within 24 hours
  
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