

Product datasheet

Recombinant human JNK2 protein ab119726

2 图像

概述

产品名称	Recombinant人JNK2 protein
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="#">P45984</a>
种属	Human
分子量	70 kDa including tags
氨基酸	1 to 424

技术指标

Our [Abpromise guarantee](#) covers the use of **ab119726** 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	ab119726 specific activity was determined to be 13 nmol/min/mg.
应用	Western blot Functional Studies SDS-PAGE
纯度	> 95 % SDS-PAGE.
形式	Liquid

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: 25% Glycerol, 0.88% Sodium chloride, 0.79% Tris HCl, 0.31% Glutathione,
--------	--

0.003% DTT, 0.002% PMSF, 0.003% EDTA

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

## 常规信息

### 功能

Responds to activation by environmental stress and pro-inflammatory cytokines by phosphorylating a number of transcription factors, primarily components of AP-1 such as c-Jun and ATF2 and thus regulates AP-1 transcriptional activity. In T-cells, JNK1 and JNK2 are required for polarized differentiation of T-helper cells into Th1 cells.

JNK2 isoforms display different binding patterns: alpha-1 and alpha-2 preferentially bind to c-Jun, whereas beta-1 and beta-2 bind to ATF2. However, there is no correlation between binding and phosphorylation, which is achieved at about the same efficiency by all isoforms. JUNB is not a substrate for JNK2 alpha-2, and JUND binds only weakly to it.

### 序列相似性

Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase subfamily.

Contains 1 protein kinase domain.

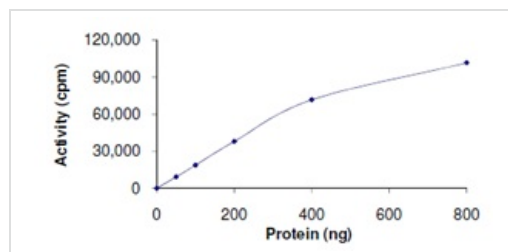
### 结构域

The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases.

### 翻译后修饰

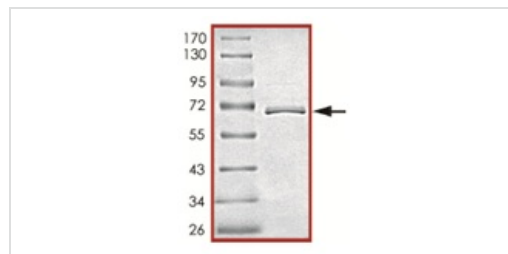
Dually phosphorylated on Thr-183 and Tyr-185, which activates the enzyme. Autophosphorylated in vitro.

## 图片



Functional Studies - JNK2 protein (ab119726)

ab119726 specific activity was determined to be 13 nmol/min/mg.



SDS-PAGE - JNK2 protein (ab119726)

SDS Page analysis of ab119726

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

## **Our Abpromise to you: Quality guaranteed and expert technical support**

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.cn/abpromise> or contact our technical team.

## **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors