

### Recombinant Mouse JNK1 protein ab43627

#### 1 图像

#### 描述

---

|       |                      |
|-------|----------------------|
| 产品名称  | 重组小鼠JNK1蛋白           |
| 纯度    | > 90 % Densitometry. |
| 表达系统  | Escherichia coli     |
| 蛋白长度  | Full length protein  |
| 无动物成分 | No                   |
| 性质    | Recombinant          |
| 种属    | Mouse                |

#### 技术指标

---

Our **Abpromise guarantee** covers the use of **ab43627** in the following tested applications.

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

|    |              |
|----|--------------|
| 应用 | Western blot |
| 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.<br>pH: 7.50<br>Constituents: 0.0038% EGTA, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride |
|--------|--|

#### 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 JUN, JDP2 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 (By similarity). Phosphorylates heat shock factor protein 4 (HSF4).<br>JNK1 isoforms display different binding patterns: beta-1 preferentially binds to c-Jun, whereas |
|----|--|

alpha-1, alpha-2, and beta-2 have a similar low level of binding to both c-Jun or ATF2. However, there is no correlation between binding and phosphorylation, which is achieved at about the same efficiency by all isoforms.

#### 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.

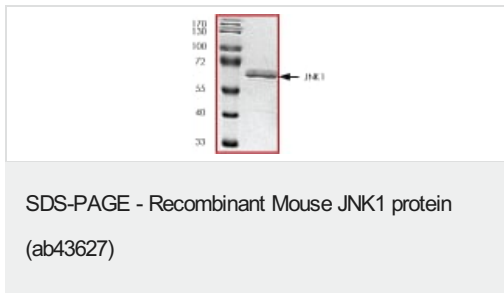
#### 结构域

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.

#### 图片



The purity of ab43627 was determined to be >90% by densitometry. MW ~ 70kDa.

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

#### 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 <https://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