

# Recombinant Human MEK3 protein ab105578

[1 References](#) [1 图像](#)

### 描述

<b>产品名称</b>	重组人MEK3蛋白
<b>纯度</b>	> 90 % SDS-PAGE. ab105578 was purified using conventional chromatography.
<b>表达系统</b>	Escherichia coli
<b>Accession</b>	<b><u>P46734</u></b>
<b>蛋白长度</b>	Protein fragment
<b>无动物成分</b>	No
<b>性质</b>	Recombinant
<b>种属</b>	Human
<b>序列</b>	<pre> MGSSHHHHH SSGLVPRGSH MSKPPAPNPT PPRNLDRTF ITIGDRNFEV EADDLVTISE LGRGAYGVVE KVRHAQSGTI MAVKRIRATV NSQEQKRLLM DLDINMRTVD CFYTVTFYGA LFREGDVVIC MELMDTSLDK FYRKVLKDM TIPEDILGEI AVSIVRALEH LHSKLSVIHR DVKPSNVLIN KEGHVCMCDF GISGYLVDSV AKTMDAGCKP YMAPERINPE LNQKGYNVKS DVWSLGITMI EMAILRFPYE SWGTPFQQLK QVVEEPSQL PADRFSPFV DFTAQCLRKN PAERMSYLEL MEHPFFTLHK TKKTDIAAFV KEILGEDS </pre>
<b>预测分子量</b>	38 kDa including tags
<b>氨基酸</b>	20 to 347
<b>标签</b>	His tag N-Terminus

### 技术指标

Our **Abpromise guarantee** covers the use of **ab105578** in the following tested applications.

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

<b>应用</b>	SDS-PAGE
	Mass Spectrometry
<b>质谱法</b>	MALDI-TOF

**形式** Liquid

## 制备和贮存

### 稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

## 常规信息

### 功能

Dual specificity kinase. Is activated by cytokines and environmental stress in vivo. Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in the MAP kinase p38.

### 组织特异性

Abundant expression is seen in the skeletal muscle. It is also widely expressed in other tissues.

### 疾病相关

Note=Defects in MAP2K3 may be involved in colon cancer.

### 序列相似性

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

Contains 1 protein kinase domain.

### 翻译后修饰

Autophosphorylated.

Phosphorylation on Ser-218 and Thr-222 by MAP kinase kinase kinases regulates positively the kinase activity.

Yersinia yopJ may acetylate Ser/Thr residues, preventing phosphorylation and activation, thus blocking the MAPK signaling pathway.

## 图片



15% SDS-PAGE analysis of ab105578 (3ug)

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