

Recombinant Human MK2 protein ab45154

1 图像

描述

产品名称	重组人MK2蛋白
纯度	> 90 % Densitometry. Purified via GST Tag
表达系统	Escherichia coli
Accession	<u>P-49137-1</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
氨基酸	46 to 400
标签	GST tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab45154** in the following tested applications.

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

形式	Liquid
补充说明	This product was previously labelled as MAPKAP Kinase 2

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: 0.0418% EGTA, 0.00174% PMSF, 0.385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
--------	--

常规信息

功能	Its physiological substrate seems to be the small heat shock protein (HSP27/HSP25). In vitro can
----	--

phosphorylate glycogen synthase at 'Ser-7' and tyrosine hydroxylase (on 'Ser-19' and 'Ser-40'). This kinase phosphorylates Ser in the peptide sequence, Hyd-X-R-X(2)-S, where Hyd is a large hydrophobic residue (By similarity). Mediates both ERK and p38 MAPK/MAPK14 dependent neutrophil responses. Participates in TNF alpha-stimulated exocytosis of secretory vesicles in neutrophils. Plays a role in phagocytosis-induced respiratory burst activity.

组织特异性

Expressed in all tissues examined.

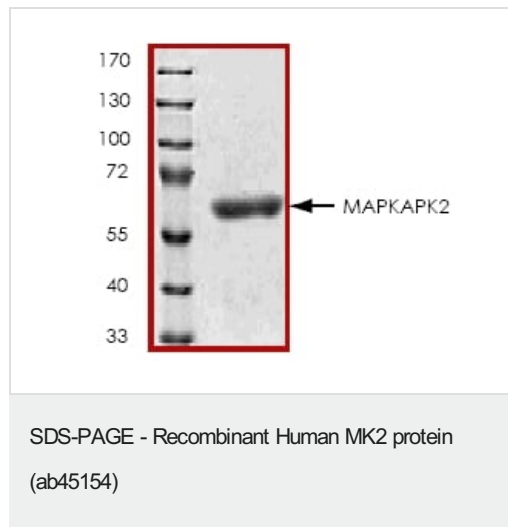
序列相似性

Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. Contains 1 protein kinase domain.

翻译后修饰

Phosphorylated and activated by MAP kinase.

图片



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