

### Recombinant Human MK2 protein ab45154

画像数 1

#### 製品の詳細

製品名	Recombinant Human MK2 protein
精製度	> 90 % Densitometry. Purified via GST Tag
発現系	Escherichia coli
アクセッション番号	<b><u>P-49137-1</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
領域	46 to 400
タグ	GST tag N-Terminus

#### 特性

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.

製品の状態	Liquid
備考	This product was previously labelled as MAPKAP Kinase 2

#### 前処理および保存

保存方法および安定性	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
------------	--

#### 関連情報

機能	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.

#### 組織特異性

Expressed in all tissues examined.

#### 配列類似性

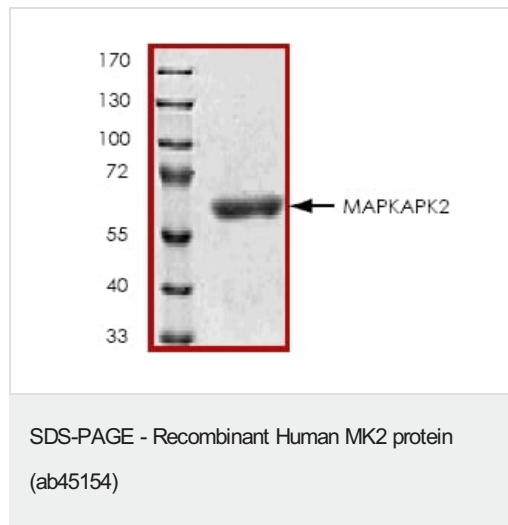
Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.

Contains 1 protein kinase domain.

#### 翻訳後修飾

Phosphorylated and activated by MAP kinase.

#### 画像



**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.co.jp/abpromise> or contact our technical team.

#### Terms and conditions

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