

### Recombinant Human MK2 protein ab79910

画像数 2

#### 製品の詳細

製品名	Recombinant Human MK2 protein
精製度	> 70 % SDS-PAGE. Affinity purified.
発現系	Baculovirus infected Sf9 cells
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
予測される分子量	72 kDa
タグ	GST tag N-Terminus

#### 特性

Our **Abpromise guarantee** covers the use of **ab79910** in the following tested applications.

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

アプリケーション	SDS-PAGE Functional Studies Western blot
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. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.0462% (R*,R*)-1,4-Dimercaptobutan-2,3-diol, 0.395% Tris HCl, 0.05% Tween, 50% Glycerol (glycerin, glycerine), 0.8004% Sodium chloride
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## 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.

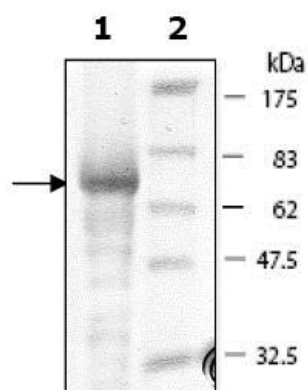
### 配列類似性

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



Lane 1: ab79910 on 10% SDS-PAGE, Coomassie staining, 7µg.

Lane 2: Protein marker.

SDS-PAGE - Recombinant Human MK2 protein  
(ab79910)



Western blot - Recombinant Human MK2 protein  
(ab79910)

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

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