

Product datasheet

Recombinant human MAPK11 protein ab125663

画像数 2

製品の概要

製品名	Recombinant human MAPK11 protein
タンパク質長	Full length protein

法規制情報

カルタヘナ法

製品の詳細

由来	Recombinant
由来	Baculovirus infected Sf9 cells
アミノ酸配列	
アクセッション番号	<a href="#">Q15759</a>
生物種	Human
分子量	71 kDa including tags
領域	1 to 364

特性

Our [Abpromise guarantee](#) covers the use of **ab125663** in the following tested applications.

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

生理活性	The specific activity of ab125663 was determined to be 780 nmol/min/mg.
アプリケーション	Western blot Functional Studies SDS-PAGE
精製度	> 95 % Densitometry. Purity was determined to be >95% by densitometry.
製品の状態	Liquid

**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: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol, 0.88% Sodium chloride

This product is an active protein and may elicit a biological response in vivo, handle with caution.

**関連情報**

**機能**

Kinase involved in a signal transduction pathway that is activated by changes in the osmolarity of the extracellular environment, by cytokines, or by environmental stress. Phosphorylates preferentially transcription factor ATF2.

**組織特異性**

Highest levels in the brain and heart. Also expressed in the placenta, lung, liver, skeletal muscle, kidney and pancreas.

**配列類似性**

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

Contains 1 protein kinase domain.

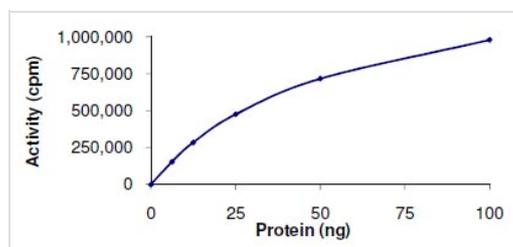
**ドメイン**

The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases.

**翻訳後修飾**

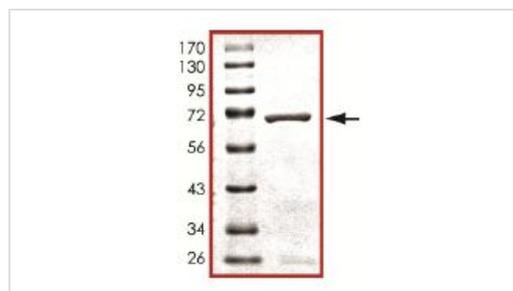
Dually phosphorylated on Thr-180 and Tyr-182, which activates the enzyme.

**画像**



The specific activity of ab125663 was determined to be 780 nmol/min/mg by Kinase Assay.

Functional Studies - MAPK11 protein (Active)  
(ab125663)



SDS-PAGE analysis of ab125663.

SDS-PAGE - MAPK11 protein (Active) (ab125663)

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- 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.

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