

# Recombinant human PBK/SPK protein ab85275

画像数 5

### 製品の詳細

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製品名	Recombinant human PBK/SPK protein
生理活性	The Specific activity of ab85275 was determined to be 6.2 nmol/min/mg.
精製度	> 90 % Densitometry. 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

### 特性

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Our **Abpromise guarantee** covers the use of **ab85275** 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	Western blot Functional Studies
製品の状態	Liquid
備考	<b>ab64311</b> (Myelin Basic Protein protein) can be utilized as a substrate for assessing kinase activity This product was previously labelled as PBK

### 前処理および保存

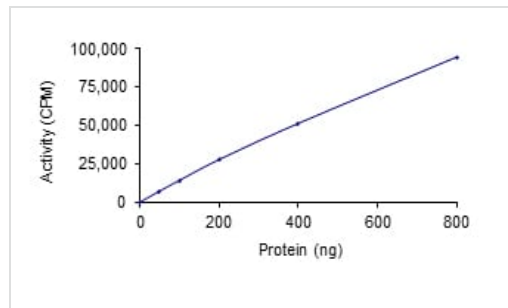
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保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.0038% EGTA, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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## 関連情報

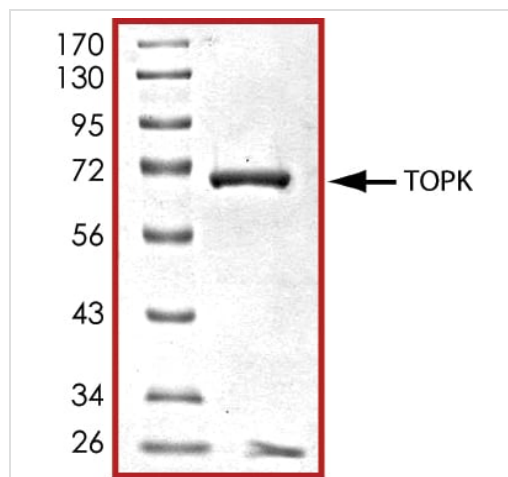
機能	Phosphorylates MAP kinase p38. Seems to be active only in mitosis. May also play a role in the activation of lymphoid cells. When phosphorylated, forms a complex with TP53, leading to TP53 destabilization and attenuation of G2/M checkpoint during doxorubicin-induced DNA damage.
組織特異性	Expressed in the testis and placenta. In the testis, restrictedly expressed in outer cell layer of seminiferous tubules.
配列類似性	Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. MAP kinase kinase subfamily. Contains 1 protein kinase domain.
翻訳後修飾	Phosphorylated; in a cell-cycle dependent manner at mitosis.

## 画像



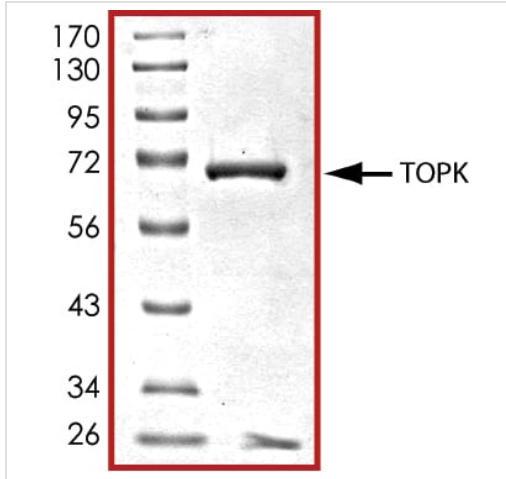
The specific activity of PBK/SPK (ab85275) was determined to be 7.5 nmol/min/mg as per activity assay protocol

Functional Studies - Recombinant human PBK/SPK protein (ab85275)



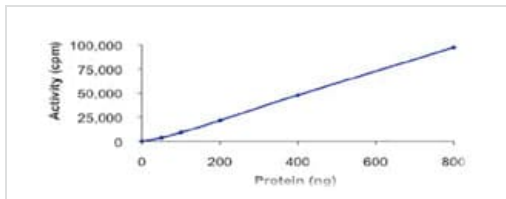
SDS PAGE analysis of ab85275

SDS-PAGE - Recombinant human PBK/SPK protein (ab85275)



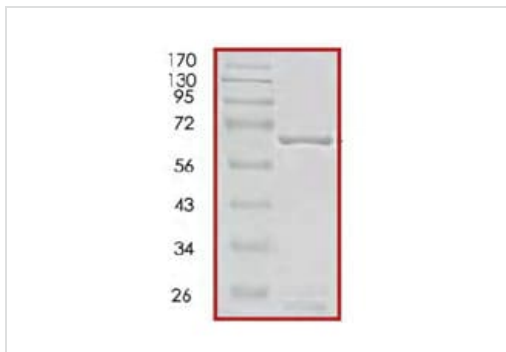
SDS PAGE analysis of ab85275

SDS-PAGE - Recombinant human PBK/SPK protein (ab85275)



The Specific activity of ab85275 was determined to be 6.2 nmol/min/mg.

Functional Studies - Recombinant human PBK/SPK protein (ab85275)



SDS-PAGE showing ab85275 at approximately 68kDa.

SDS-PAGE - Recombinant human PBK/SPK protein (ab85275)

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

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