

Recombinant human PBK/SPK protein ab85275

5 图像

描述

产品名称	重组人PBK/SPK蛋白
生物活性	The Specific activity of ab85275 was determined to be 6.2 nmol/min/mg.
纯度	> 90 % Densitometry. Affinity purified.
表达系统	Baculovirus infected Sf9 cells
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human

技术指标

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.

应用	Western blot Functional Studies
形式	Liquid
补充说明	ab64311 (Myelin Basic Protein protein) can be utilized as a substrate for assessing kinase activity This product was previously labelled as PBK

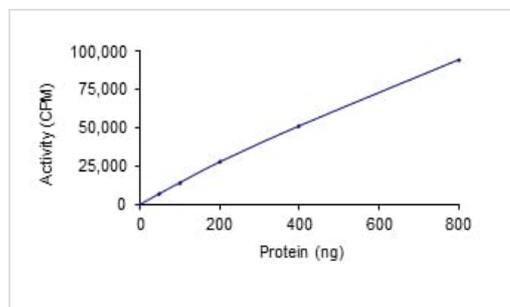
制备和贮存

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: 0.0038% 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.
--------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

常规信息

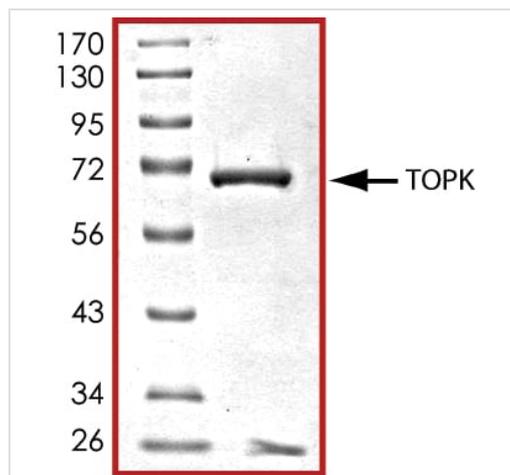
功能	Phosphorylates MAP kinase p38. Seems to be active only in mitosis. May also play a role in the activation of lymphoid cells. When phosphorylated, forms a complex with TP53, leading to TP53 destabilization and attenuation of G2/M checkpoint during doxorubicin-induced DNA damage.
组织特异性	Expressed in the testis and placenta. In the testis, restrictedly expressed in outer cell layer of seminiferous tubules.
序列相似性	Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. MAP kinase kinase subfamily. Contains 1 protein kinase domain.
翻译后修饰	Phosphorylated; in a cell-cycle dependent manner at mitosis.

图片



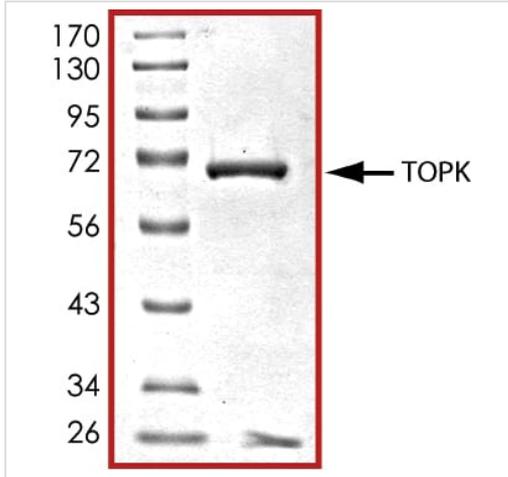
The specific activity of PBK/SPK (ab85275) was determined to be 7.5 nmol/min/mg as per activity assay protocol

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



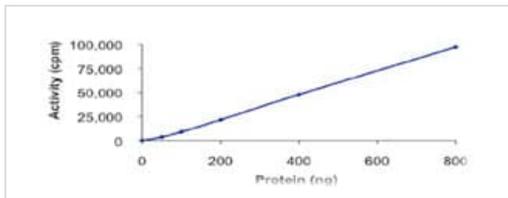
SDS PAGE analysis of ab85275

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



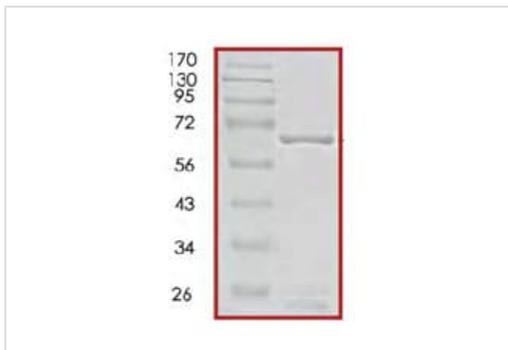
SDS PAGE analysis of ab85275

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"

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