

Recombinant human SPAK protein ab107696

画像数 4

製品の詳細

製品名	Recombinant human SPAK protein
生理活性	Specific activity: 22 nmol/min/mg
精製度	> 95 % SDS-PAGE. Purification determined by densitometry. Affinity purified.
発現系	Baculovirus infected Sf9 cells
アクセッション番号	<u>Q9UEW8</u>
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	63 kDa including tags
領域	1 to 545
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab107696** 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
製品の状態	Liquid
備考	<u>ab64311</u> (Myelin Basic Protein protein) can be utilized as a substrate for assessing kinase activity This product was previously labelled as STK39

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: 7.00
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Preservative: 1.02% Imidazole

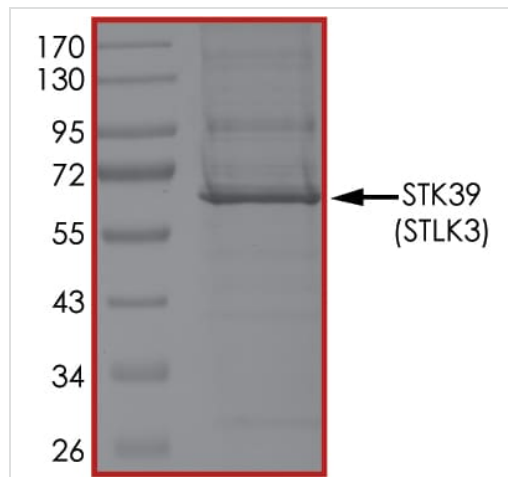
Constituents: 0.00174% PMSF, 0.82% Sodium phosphate, 0.00385% DTT, 25% Glycerol (glycerin, glycerine), 1.74% Sodium chloride

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

関連情報

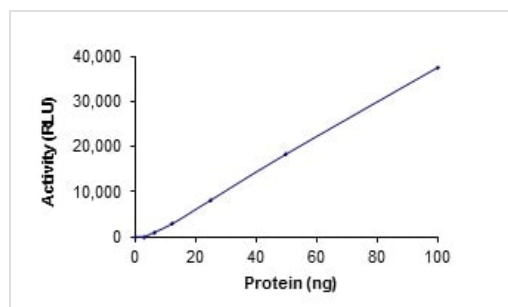
機能	May act as a mediator of stress-activated signals.
組織特異性	Predominantly expressed in brain and pancreas followed by heart, lung, kidney, skeletal muscle, liver, placenta and testis.
配列類似性	Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily. Contains 1 protein kinase domain.
ドメイン	PAPA box (proline-alanine repeats) may target the kinase to a specific subcellular location by facilitating interaction with intracellular proteins such as actin or actin-like proteins.
細胞内局在	Cytoplasm. Nucleus. Nucleus when caspase-cleaved.

画像



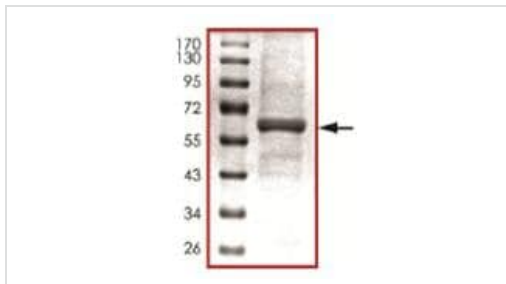
SDS-PAGE - Recombinant human SPAK protein (ab107696)

SDS PAGE analysis of ab107696



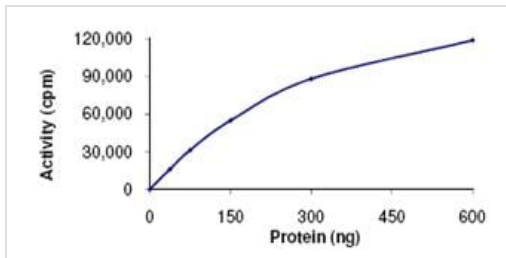
Functional Studies - Recombinant human SPAK protein (ab107696)

The specific activity of SPAK (ab107696) was determined to be 1.9 nmol/min/mg as per activity assay protocol.



SDS Page analysis of ab107696

SDS-PAGE - Recombinant human SPAK protein
(ab107696)



ab107696 specific activity determined to be 22 nmol/min/mg

Functional Studies - Recombinant human SPAK
protein (ab107696)

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

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