

Recombinant human PDK1 protein ab125580

画像数 5

製品の詳細

製品名	Recombinant human PDK1 protein
生理活性	The specific activity of ab125580 was determined to be 1.7 nmol/min/mg
精製度	= 95 % Densitometry. The purity was determined to be 95% by densitometry. Affinity purified.
発現系	Baculovirus infected Sf9 cells
アクセッション番号	Q15118
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	70 kDa including tags
領域	1 to 436

特性

Our **Abpromise guarantee** covers the use of **ab125580** 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 SDS-PAGE
製品の状態	Liquid
備考	ab125602 (Human Pyruvate Dehydrogenase E1-alpha subunit full length protein) can be utilized as a substrate for assessing Kinase activity This product was previously labelled as Mitochondrial Pyruvate dehydrogenase kinase 1

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: 7.50
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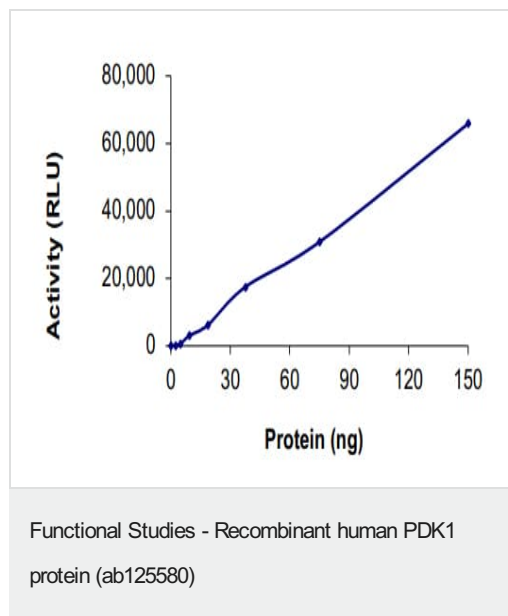
Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

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

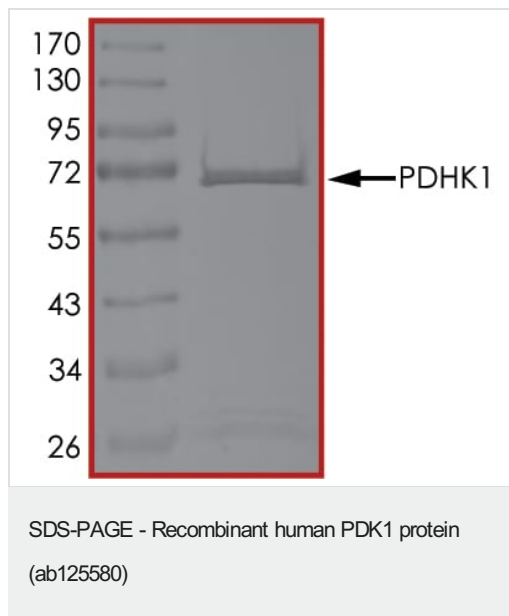
関連情報

機能	Inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism.
組織特異性	Expressed predominantly in the heart.
配列類似性	Belongs to the PDK/BCKDK protein kinase family. Contains 1 histidine kinase domain.
細胞内局在	Mitochondrion matrix.

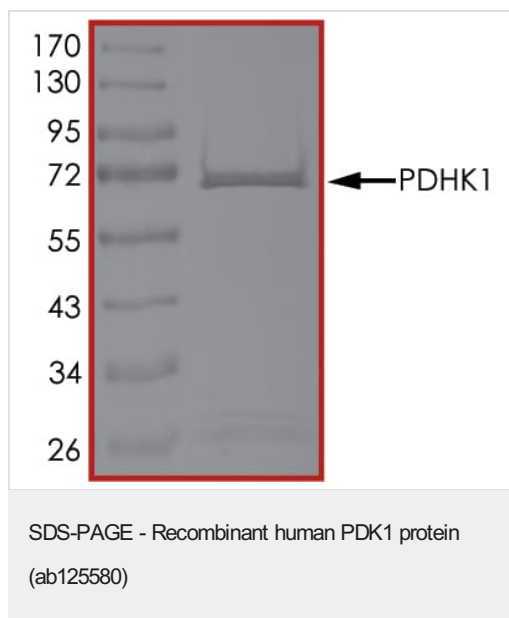
画像



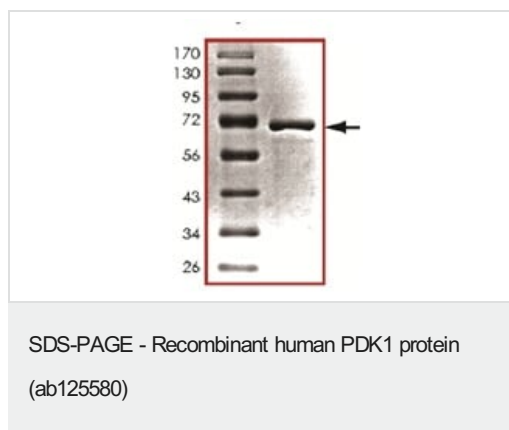
The specific activity of PDK1 (ab125580) was determined to be 1.4 nmol/min/mg as per activity assay protocol and was equivalent to 1.9 nmol/min/mg as per radiometric assay



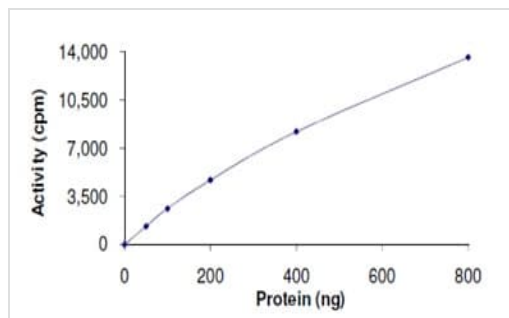
SDS PAGE analysis of ab125580



SDS PAGE analysis of ab125580



SDS Page analysis of ab125580



The specific activity of ab125580 was determined to be 1.7 nmol/min/mg.

Functional Studies - Recombinant human PDK1 protein (ab125580)

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

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