

Product datasheet

Recombinant human PDK3 protein ab125606

画像数 2

製品の概要

製品名	Recombinant human PDK3 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	Q15120
生物種	Human
分子量	69 kDa including tags
領域	1 to 406
タグ	GST tag N-Terminus

特性

Our [Abpromise guarantee](#) covers the use of **ab125606** 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 ab125606 was determined to be 12 nmol/mg/min.
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

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

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

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

Found almost exclusively in heart and skeletal muscle.

配列類似性

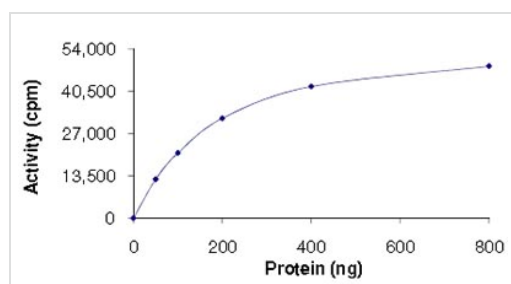
Belongs to the PDK/BCKDK protein kinase family.

Contains 1 histidine kinase domain.

細胞内局在

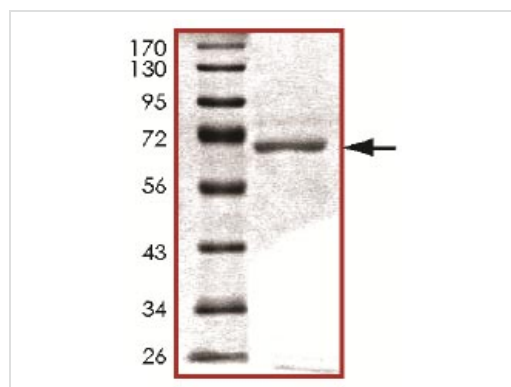
Mitochondrion matrix.

画像



The specific activity of ab125606 was determined to be 12 nmol/mg/min by Kinase Assay.

Functional Studies - PDK3 protein (Active)
(ab125606)



SDS-PAGE analysis of ab125606.

SDS-PAGE - PDK3 protein (Active) (ab125606)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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