

## 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	<a href="#">Q15120</a>
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.

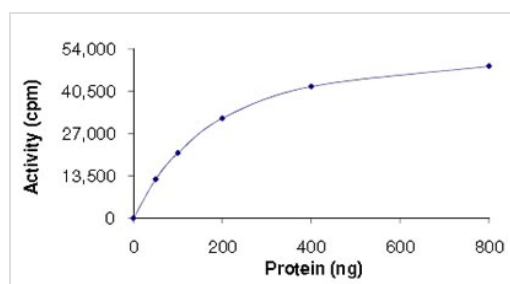
### 配列類似性

Belongs to the PDK/BCKDK protein kinase family.  
Contains 1 histidine kinase domain.

### 細胞内局在

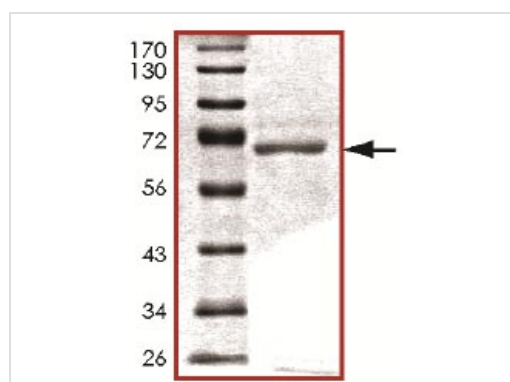
Mitochondrion matrix.

## 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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- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
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