

Product datasheet

Recombinant human Mitochondrial Pyruvate dehydrogenase kinase 1 protein ab125580

2 图像

概述

产品名称	重组人Mitochondrial Pyruvate dehydrogenase kinase 1蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Baculovirus infected Sf9 cells

氨基酸序列

Accession	<a href="#">Q15118</a>
种属	Human
分子量	70 kDa including tags
氨基酸	1 to 436

技术指标

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.

生物活性	The specific activity of ab125580 was determined to be 1.7 nmol/min/mg
应用	Western blot Functional Studies SDS-PAGE
形式	Liquid
补充说明	<a href="#">ab125602</a> (Human Pyruvate Dehydrogenase E1-alpha subunit full length protein) can be utilized as a substrate for assessing Kinase activity

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.
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pH: 7.50

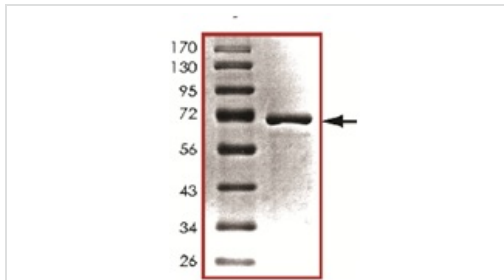
Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol, 0.88% Sodium chloride

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

## 常规信息

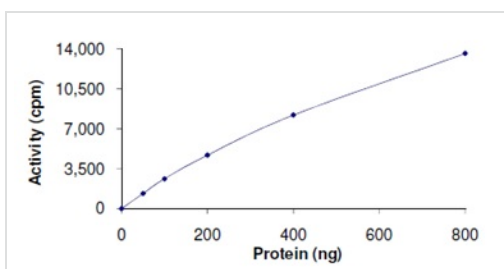
<b>功能</b>	Inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism.
<b>组织特异性</b>	Expressed predominantly in the heart.
<b>序列相似性</b>	Belongs to the PDK/BCKDK protein kinase family. Contains 1 histidine kinase domain.
<b>细胞定位</b>	Mitochondrion matrix.

## 图片



SDS Page analysis of ab125580

SDS-PAGE - Mitochondrial Pyruvate dehydrogenase kinase 1 protein (Active) (ab125580)



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

Functional Studies - Mitochondrial Pyruvate dehydrogenase kinase 1 protein (Active) (ab125580)

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

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