

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	Q15118
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	ab125602 (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

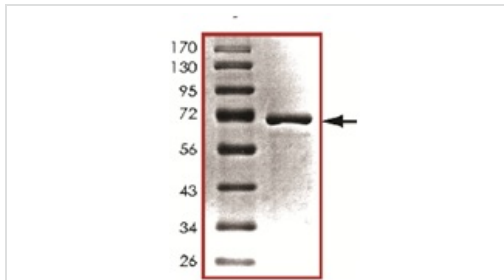
Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol, 0.88% Sodium chloride

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

常规信息

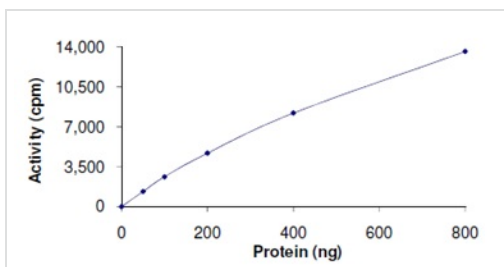
功能	Inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism.
组织特异性	Expressed predominantly in the heart.
序列相似性	Belongs to the PDK/BCKDK protein kinase family. Contains 1 histidine kinase domain.
细胞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