

Recombinant human PDK3 protein ab125606

5 图像

描述

产品名称	重组人PDK3蛋白
生物活性	The specific activity of ab125606 was determined to be 12 nmol/mg/min.
纯度	> 90 % Densitometry. Purity determined to be >90% by densitometry. Affinity purified. Purity is lot specific. Please contact our technical Support team for details.
表达系统	Baculovirus infected Sf9 cells
Accession	<u>Q15120</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	69 kDa including tags
氨基酸	1 to 406
标签	GST tag N-Terminus

技术指标

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.

应用	Western blot Functional Studies SDS-PAGE
形式	Liquid
补充说明	<u>ab125602</u> (Human Pyruvate Dehydrogenase E1- α 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. pH: 7.50
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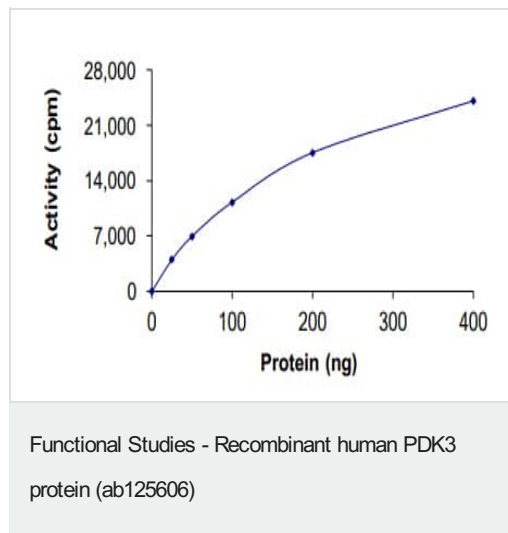
Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

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

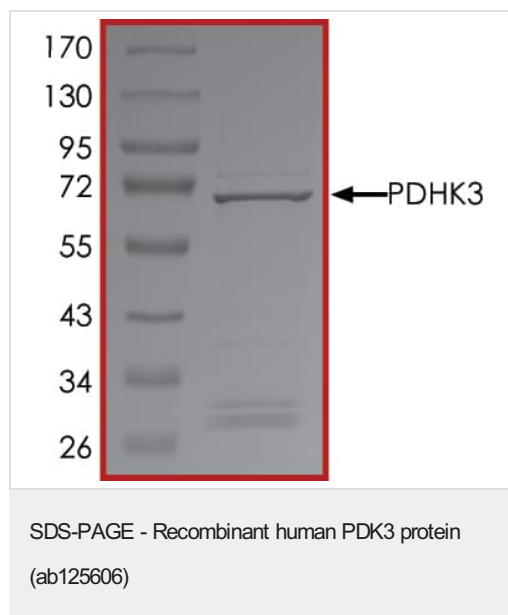
常规信息

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	Found almost exclusively in heart and skeletal muscle.
序列相似性	Belongs to the PDK/BCKDK protein kinase family. Contains 1 histidine kinase domain.
细胞定位	Mitochondrion matrix.

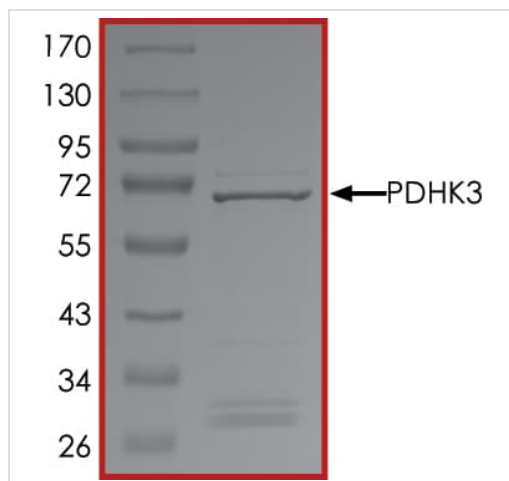
图片



The specific activity of PDK3 (ab125606) was determined to be 11 nmol/min/mg as per activity assay protocol

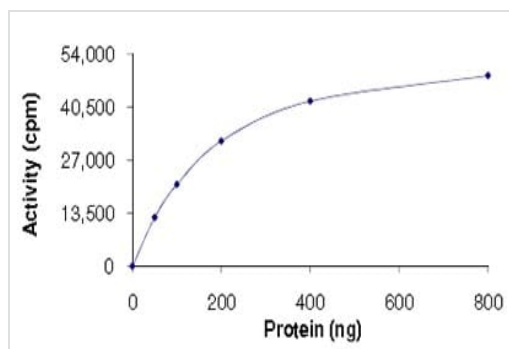


SDS PAGE analysis of ab125606



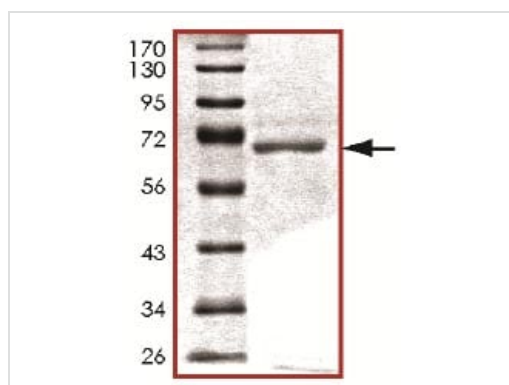
SDS PAGE analysis of ab125606

SDS-PAGE - Recombinant human PDK3 protein
(ab125606)



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

Functional Studies - Recombinant human PDK3
protein (ab125606)



SDS-PAGE analysis of ab125606.

SDS-PAGE - Recombinant human PDK3 protein
(ab125606)

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

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