abcam

Product datasheet

Recombinant Human PFKM protein ab95304

1 图像

描述

产品名称	重组人PFKM蛋白
纯度	> 80 % SDS-PAGE. Purified using conventional chromatography techniques.
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHH SSGLVPRGSH MTHEEHHAAK TLGIGKAIAV LTSGGDAQGM NAAVRAVVRV GIFTGARVFF VHEGYQGLVD GGDHIKEATW ESVSMMLQLG GTVIGSARCK DFREREGRLR AAYNLVKRGI TNLCVIGGDG SLTGADTFRS EWSDLLSDLQ KAGKITDEEA TKSSYLNIVG LVGSIDNDFC GTDMTIGTDS ALHRIMEIVD AITTTAQSHQ RTFVLEVMGR HCGYLALVTS LSCGADWVFI PECPPDDDWE EHLCRRLSET RTRGSRLNII IVAEGAIDKN GKPITSEDIK NLVVKRLGYD TRVTVLGHVQ RGGTPSAFDR ILGSRMGVEA VMALLEGTPD TPACVVSLSG NQAVRLPLME CVQVTKDVTK AMDEKKFDEA LKLRGRSFMN NWEVYKLLAH VRPPVSKSGS HTVAVMNVGA PAAGMNAAVR STVRIGLIQG NRVLVVHDGF EGLAKGQIEE AGWSYVGGWT GQGGSKLGTK RTLPKKSFEQ ISANITKFNI QGLVIIGGFE AYTGGLELME GRKQFDELCI PFVVIPATVS NNVPGSDFSV GADTALNTIC TTCDRIKQSA AGTKRRVFII ETMGGYCGYL ATMAGLAAGA DAAYIFEEPF TIRDLQANVE HLVQKMKTTV KRGLVLRNEK CNENYTTDFI FNLYSEEGKG IFDSRKNVLG HMQQGGSPTP FDRNFATKMG AKAMNWMSGK IKESYRNGRI FANTPDSGCV LGMRKRALVF QPVAELKDQT DFEHRIPKEQ WWLKLRPILK ILAKYEIDLD

TSDHAHLEHI TRKRSGEAAV

技术指标

Our **Abpromise guarantee** covers the use of **ab95304** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
形式	Liquid
补充说明	This product was previously labelled as Fructose 6 Phosphate Kinase

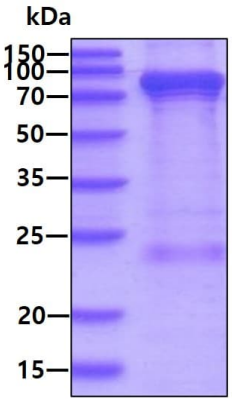
制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.077% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 1.16% Sodium chloride

常规信息

通路	Carbohydrate degradation; glycolysis; D-glyceraldehyde 3-phosphate and glycerone phosphate from D-glucose: step 3/4.
疾病相关	Defects in PFKM are the cause of glycogen storage disease type 7 (GSD7) [MIM:232800]; also known as Tarui disease. GSD7 is an autosomal recessive disorder characterized by exercise intolerance with associated nausea and vomiting. Short bursts of intense activity are particularly difficult. Severe muscle cramps and myoglobinuria develop after vigorous exercise. Most patients obtain a "second wind" when the onset of exercise is followed by a brief rest period. In time patients adjust their activity level and are well compensated.
序列相似性	Belongs to the phosphofructokinase family. Two domains subfamily.

图片



SDS-PAGE - Recombinant Human PFKM protein (ab95304)

SDS-PAGE analysis of ab95304 (3 µg) under reducing conditions and visualized by coomassie blue stain.

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

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