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Datasheet for ABIN7479251

PGK1 Protein (AA 25-417, partial) (GST tag)

1 Image

Overview

Quantity:	100 µg
Target:	PGK1
Protein Characteristics:	AA 25-417, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PGK1 protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	<p>FNVPMKNNQI TNNQRIKAAV PSIKFCLDNG AKSVLMSHL GRPDGVPMPD KYSLEPVAVE LKSLGKDV L FLKDCVGPEV EKACANPAAG SVILLENLRF HVEEEGKGKD ASGNKVKAEP AKIEAFRASL SKLGDVYVND AFGTAHRAHS SMVGVNLPQK AGGFLMKKEL NYFAKALESP ERPFLAILGG AKVADKIQLI NNMLDKVNEM IIGGGMAFTF LKVLNNMEIG TSLFDEEGAK IVKDLMSKAE KNGVKITLPV DFVTADKFDE NAKTGQATVA SGIPAGWMGL DCGPESSKKY AEAVTRAKQI VWNGPVGVE WEAFFARGTKA LMDEVVKATS RGCITIIGGG DTATCCA KWN TEDKVSHVST GGGASLELLE GKVLPGVDAL SNI</p>
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	95 %

Target Details

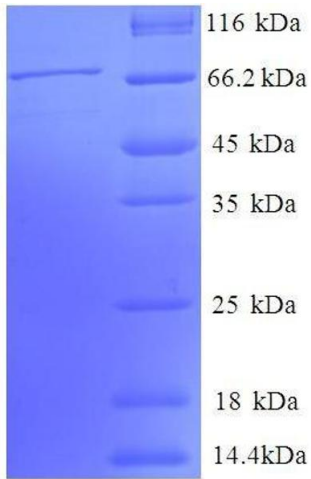
Target:	PGK1
Alternative Name:	Phosphoglycerate kinase 1 protein (PGK1 Products)
Background:	In addition to its role as a glycolytic enzyme, it seems that PGK-1 acts as a polymerase alpha cofactor protein (primer recognition protein).
Molecular Weight:	69.3 kD
UniProt:	P00558
Pathways:	Cellular Glucan Metabolic Process

Application Details

Comment:	<p>The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C



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Image 1.