

Datasheet for ABIN7591368

PGK1 Protein (AA 76-481) (His tag)



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Overview

Quantity:	100 µg
Target:	PGK1
Protein Characteristics:	AA 76-481
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PGK1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SMAKK SVGDLTSADL KGKKVFVRAD LNVPLDDNQT ITDDTRIRAA IPTIKYLIEN GAKVILSTHL GRPKGVT PKF SLAPLVPRLS ELLGIEVTKA DDCIGPEVES LVASLPEGGV LLENVRFYK EEEKNDPEFA KKLASLADLY VNDAFGTAHR AHASTEGVTK FLKPSVAGFL LQKELDYLVG AVSNPKRPFA AIVGGSKVSS KIGVIESLLE KCDILLGGG MIFTFYKAQG LSVGSSSLVEE DKLELATELL AKAKAKGVSL LLPTDVVVAD KFAPDANSKI VPASGIEDGW MGLDIGPDSI KTFNEALDTT QTVIWNGPMG VFEMEKFAAG TEAIANKLAE LSEKGVTTII GGGDSVAAVE KVG VAGVMSH ISTGGGASLE LLEGKVLPGV IALDEAIPVT V
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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:	> 90 %

Target Details

Target:	PGK1
Alternative Name:	Phosphoglycerate kinase 1, chloroplastic (PGK1) (PGK1 Products)
Background:	Recommended name: Phosphoglycerate kinase 1, chloroplastic. EC= 2.7.2.3
UniProt:	Q9LD57
Pathways:	Cellular Glucan Metabolic Process

Application Details

Comment:	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.
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.