Datasheet for ABIN1474575

PHKG2 Protein (AA 1-406) (His tag)

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Overview

Quantity:	1 mg
Target:	PHKG2
Protein Characteristics:	AA 1-406
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PHKG2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTLDVGPEDE LPDWAAAKEF YQKYDPKDII GRGVSSVVRR CVHRATGDEF AVKIMEVSAE RLSLEQLEEV RDATRREMHI LRQVAGHPHI ITLIDSYESS SFMFLVFDLM RKGELFDYLT EKVALSEKET RSIMRSLLEA VNFLHVNNIV HRDLKPENIL LDDNMQIRLS DFGFSCHLEP GEKLRELCGT PGYLAPEILK CSMDETHPGY GKEVDLWACG VILFTLLAGS PPFWHRRQIL MLRMIMEGQY QFSSPEWDDR SNTVKDLIAK LLQVDPNARL TAEQALQHPF FERCKGSQPW NLTPRQRFRV AVWTILAAGR VALSSHRLRP LTKNALLRDP YALRPVRRLI DNCAFRLYGH WVKKGEQQNR AALFQHQPPR PFPIIATDLE GDSSAITEDE VTLVRS
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	PHKG2
Alternative Name:	Phosphorylase b kinase gamma catalytic chain, testis/liver isoform (Phkg2) (PHKG2 Products)
Background:	Recommended name: Phosphorylase b kinase gamma catalytic chain, testis/liver isoform. Short name= PHK-gamma-T. EC= 2.7.11.19. Alternative name(s): Phosphorylase kinase subunit gamma-2 Serine/threonine-protein kinase PHKG2. EC= 2.7.11.1. EC= 2.7.11.26
UniProt:	P31325
Pathways:	Cellular Glucan Metabolic Process, Regulation of Carbohydrate 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 modificated 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

Handling

Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.