# antibodies -online.com





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



Go to Product page

$\sim$			
	N/P	r\/	i⊢₩

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

Product Details	
Sequence:	MTLDVGPEDE LPDWAAAKEF YQKYDPKDVI GRGVSSVVRR CVHRATGQEF AVKIMEVTAE
	RLSPEQLEEV REATRRETHI LRQVAGHPHI ITLIDSYESS SFMFLVFDLM RKGELFDYLT
	EKVALSEKET RSIMRSLLEA VSFLHNNNIV HRDLKPENIL LDDNMQIRLS DFGFSCHLEP
	GEKLRELCGT PGYLAPEILK CSMDETHPGY GKEVDLWACG VILFTLLAGS PPFWHRRQIL
	MLRMIMEGQY QFSSPEWDDR SDTVKDLISR LLQVDPVERL TAEQALQHPF FERCEGSQAW
	NLTPRQRFRV AVWTVLAAGR VALSAHRIRP LTKSALLRDP YALRPVRRLI DNCAFRLYGH
	WVKKGEQQNR AALFQHRPPG PFPMMGPEEE GDSATIAEDE AMLVLG
Specificity:	Bos taurus (Bovine)
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**

<del>-</del> .	PHW 00	
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:	Q2KJ16	
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

Storage Comment:

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