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Datasheet for ABIN1475211  
**PKC delta Protein (AA 1-673) (His tag)**

### Overview

Quantity:	1 mg
Target:	PKC delta (PKCd)
Protein Characteristics:	AA 1-673
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PKC delta protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence: MAPFLRISFN SYELGSLQAE DDASQPFCV KMKEALTTDR GKTLVQKKPT MYPEWKSTFD  
AHIYEGRVIQ IVLMRAAEDP MSEVTGVSV LAERCKKNG KAFLWDLQP QAKVLMCVQY  
FLEDGDCKQS MRSEEEAMFP TMNRRGAIKQ AKIHYIKNHE FIATFFGQPT FCSVCKEFVW  
GLNKQGYKCR QCNAAIHKKC IDKIIGRCTG TATNSRDTIF QKERFNIDMP HRFKVNYMS  
PTFCDHCGTL LWGLVKQGLK CEDCGMNVHH KCREKVANLC GINQKLLAEA LNQVTQKASR  
KPETPETVGI YQGFEEKTAV SGNDIPDNG TYGKIWEGSN RCLENFTFQ KVLGKGSFGK  
VLLAELKGKE RYFAIKYLKK DVVLIDDDVE CTMVEKRVLA LAWENPFLTH LICTFQTKDH  
LFFVMEFLNG GDLMFHIQDK GRFELYRATF YAAEIIICGLQ FLHGKGIYR DLKLDNVMLD  
KDGHIKADF GMCKENIFGE NRASTFCGTP DYIAPEILQG LKYSFSVDWW SFGVLLYEML  
IGQSPFHGDD EELFESIRV DTPHYPRWIT KESKDIMEKL FERDPAKRLG VTGNIRLHPF  
FKTINWNLLE KRKVEPPFKP KVKSPSDYSN FDPEFLNEKP QLSFSDKNLI DSMDQTAFKG  
FSFVNPKEYEQ FLE

## Product Details

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Specificity:	Rattus norvegicus (Rat)
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

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Target:	PKC delta (PKCd)
Alternative Name:	Protein kinase C delta type (Prkcd) ( <a href="#">PKCd Products</a> )
Background:	Recommended name: Protein kinase C delta type. EC= 2.7.11.13. Alternative name(s): nPKC-delta
UniProt:	<a href="#">P09215</a>
Pathways:	<a href="#">Interferon-gamma Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Thyroid Hormone Synthesis</a> , <a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">M Phase</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Dicarboxylic Acid Transport</a> , <a href="#">Positive Regulation of Response to DNA Damage Stimulus</a> , <a href="#">Interaction of EGFR with phospholipase C-gamma</a> , <a href="#">Thromboxane A2 Receptor Signaling</a> , <a href="#">Lipid Metabolism</a>

## Application Details

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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

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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.