

Datasheet for ABIN7585683

PKC beta Protein (AA 2-671) (His tag)



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Overview

Quantity:	100 µg
Target:	PKC beta (PRKCB)
Protein Characteristics:	AA 2-671
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PKC beta protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ADPAAGPPP SEGEESTVRF ARKGALRQKN VHEVKNHKFT ARFFKQPTFC SHCTDFIWGF GKQGFQCQVC CFVVHKRCHE FVTFSCPGAD KGPASDDPRS KHKFKIHTYS SPTFCDHCGS LLYGLIHQGM KCDTCMMNVH KRCVMNVPSL CGTDHTERRG RIYIQAHDRL EVLIVVVRDA KNLVPMDPNG LSDPYVKLKL IPDPKSESQ KTKTIKCSLN PEWNETFRFQ LKESDKDRRL SVEIWDWDLT SRNDFMGSL SFGISELQKAG VDGWFKLLSQ EEGEYFNVPV PPEGSEGNEE LRQKFERAKI GQGTKAPEEK TANTISKFDN NGNRDRMKLT DFNFLMVLGK GSFGKVMLSE RKGTDELYAV KILKKDVVIQ DDDVECTMVE KRVLALPGKP PFLTQLHSCF QTMDRLYFVM EYVNGGDLMY HIQQVGRFKE PHAVFYAAEI AIGLFFLQSK GIIYRDLKLD NVMLDSEGHI KIADFGMCKE NIWDGVTTKT FCGTPDYIAP EIIAYQPYGK SVDWWAFGLV LYEMLAGQAP FEGEDELEF QSIMEHNVAY PKSMSKEAVA ICKGLMTKHP GKRLGCGPEG ERDIKEHAFF RYIDWEKLER KEIQPPYKPK ARDKRDTSNF DKEFTRQPVE LTPTDKLFIM NLDQNEFAGF SYTNPEFVIN V
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Product Details

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

Target:	PKC beta (PRKCB)
Alternative Name:	Protein kinase C beta type (Prkcb) (PRKCB Products)
Background:	Recommended name: Protein kinase C beta type. Short name= PKC-B. Short name= PKC-beta. EC= 2.7.11.13
UniProt:	P68403
Pathways:	WNT Signaling , TCR Signaling , Thyroid Hormone Synthesis , Nuclear Hormone Receptor Binding , Chromatin Binding , Myometrial Relaxation and Contraction , VEGF Signaling , Unfolded Protein Response , BCR Signaling

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
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Handling

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.