

Datasheet for ABIN7585689

## PKC zeta Protein (AA 1-592) (His tag)



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### Overview

Quantity:	100 µg
Target:	PKC zeta (PRKCZ)
Protein Characteristics:	AA 1-592
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PKC zeta protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MPSRTDPKMD RSGGRVRLKA HYGGDILITS VDPTTTFQDL CEEVRDMCGL HQQHPLTLKW</p> <p>VDSEGDPTCV SSQMELEEAF RLACQGRDEV LIIHVFPSP EQPGMPCPGE DKSIYRRGAR</p> <p>RWRKLYRANG HLFQAKRFNR RAYCGQCSE IWGLARQGYR CINCKLLVHK RCHVLVPLTC</p> <p>RRHMDSVMPS QEPPVDDKND GVDLPSEETD GIAYISSSRK HDNIKDDSED LKPVIDGVDG</p> <p>IKISQGLGLQ DFDLIRVIGR GSYAKVLLVR LKKNQDIYAM KVVKKELVHD DEDIDWVQTE</p> <p>KHVFEQASSN PFLVGLHSCF QTTSRLFLVI EYVNGGDLMF HMQRQRKLPE EHARFYAAEI</p> <p>CIALNFLHER GIIYRDLKLD NVLLDADGHI KLTGYGMCKE GLGPGDTTST FCGTPNYIAP</p> <p>EILRGEEYGF SVDWWALGVL MFEMMAGRSP FDIITDNPDM NTEDYLFQVI LEKPIRIPRF</p> <p>LSVKASHVLK GFLNKDPKER LGCRPQTGFS DIKSHAFFRS IDWDLLEKKQ TLPPFQPQIT</p> <p>DDYGLDNFDT QFTSEPVQLT PDDEDVIKRI DQSEFEGFEY INPLLLSAEE SV</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

## Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: PKC zeta (PRKCZ)

Alternative Name: Protein kinase C zeta type (Prkcz) ([PRKCZ Products](#))

Background: Recommended name: Protein kinase C zeta type.

EC= 2.7.11.13.

Alternative name(s): nPKC-zeta

UniProt: [P09217](#)

Pathways: [NF-kappaB Signaling](#), [RTK Signaling](#), [Myometrial Relaxation and Contraction](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Synaptic Membrane](#), [Production of Molecular Mediator of Immune Response](#), [CXCR4-mediated Signaling Events](#), [Thromboxane A2 Receptor 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

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

## Handling

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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.