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Datasheet for ABIN1476218
PKC epsilon Protein (AA 1-737) (His tag)

Overview

Quantity:	1 mg
Target:	PKC epsilon (PRKCE)
Protein Characteristics:	AA 1-737
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PKC epsilon protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence: MVVFNGLLKI KICEAVSLKP TAWSLRHAVG PRPQTFLLDY YIALNVDDSR IGQTATKQKT
 NSPAWHDEFV TDVCNGRKIE LAVFHDAPIG YDDFVANCTI QFEELLQNGS RHFEDWIDLE
 PEGKVYVIID LSGSSGEAPK DNEERVFRER MRPRKRQGAV RRRVHQVNGH KFMATYLRQP
 TYCSHCRDFI WGVIGKQGYQ CQVCTCVVHK RCHELIITKC AGLKKQETPD EVGSQRFSVN
 MPHKFGIHNY KVPTFCDHCG SLLWGLLRQG LQCKVCKMNV HRRCETNVAP NCGVDARGIA
 KVLADLGVTP DKITNSGQRR KKLAAGAESP QPASGNPSE DDRSKSAPTS PCDQELKELE
 NNIRKALSFD NRGEEHRASS STDGQLASPG ENGEVRQGQA KRLGLDEFNF IKVLGKGSFG
 KVMLAELKGG DEVYAVKVLK KDVILQDDDV DCTMTEKRIL ALARKHPYLT QLYCCFQTKD
 RLFFVMEYVN GGDLMFQIQR SRKFDEPRSG FYAAEVTSAL MFLHQHGVIY RDLKLDNILL
 DAEGHSLKAD FGMCKEGILN GVTTFCTCGT PDYIAPEILQ ELEYGPSVDW WALGVLMYEM
 MAGQPPFEAD NEDDLFESIL HDDVLYPVWL SKEAVSILKA FMTKNPHKRL GCVAAQNGED
 AIKQHPFFKE IDWVLEQKK MKPPFKPRIK TKRDVNNFDQ DFTREEPILT LVDEAIVKQI

Product Details

NQEEFKGFSY FGEDLMP

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 epsilon (PRKCE)

Alternative Name: Protein kinase C epsilon type (Prkce) ([PRKCE Products](#))

Background: Recommended name: Protein kinase C epsilon type.
EC= 2.7.11.13.
Alternative name(s): nPKC-epsilon

UniProt: [P09216](#)

Pathways: [TCR Signaling](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Positive Regulation of Peptide Hormone Secretion](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Actin Filament Polymerization](#), [Myometrial Relaxation and Contraction](#), [Regulation of Carbohydrate Metabolic Process](#), [Interaction of EGFR with phospholipase C-gamma](#), [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 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.