Datasheet for ABIN7585686

PKC epsilon Protein (AA 1-737) (His tag)

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Overview

Quantity:	100 µg
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 PRPQTFLLDP 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 QPASGNSPSE DDRSKSAPTS PCDQELKELE NNIRKALSFD NRGEEHRASS STDGQLASPG ENGEVRQGQA KRLGLDEFNF IKVLGKGSFG KVMLAELKGK DEVYAVKVLK KDVILQDDDV DCTMTEKRIL ALARKHPYLT QLYCCFQTKD RLFFVMEYVN GGDLMFQIQR SRKFDEPRSG FYAAEVTSAL MFLHQHGVIY RDLKLDNILL DAEGHSKLAD FGMCKEGILN GVTTTTFCGT PDYIAPEILQ ELEYGPSVDW WALGVLMYEM MAGQPPFEAD NEDDLFESIL HDDVLYPVWL SKEAVSILKA FMTKNPHKRL GCVAAQNGED AIKQHPFFKE IDWVLLEQKK 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, mammalien 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 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.