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32-3089: PKC-a Recombinant Protein(Discontinued)

Alternative Name : Protein kinase C alpha type,EC 2.7.11.13,PKC-alpha,PKC-A,PRKCA,AAG6,PKCA,PRKACA,MGC129900,MGC129901.

Description

Source : Sf9 insect cells. Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role in cells. The protein encoded by this gene is one of the PKC family members. This kinase has been reported to play roles in many different cellular processes, such as cell adhesion, cell transformation, cell cycle checkpoint, and cell volume control. Knockout studies in mice suggest that this kinase may be a fundamental regulator of cardiac contractility and Ca(2+) handling in myocytes.

Product Info

Amount : 10 µg

Purification : Greater than 95% as determined by SDS-PAGE.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Amino Acid : MADVYPGNDS TASQDVANRF ARKGALRQKN VHEVKDHKFI ARFFKQPTFC SHCTDFIWGF GKQGFQCQVC CFVVHKRCHE FVTFSCPGAD KGPDTDDPRS KHKFKIHTYG SPTFCDHCGS LLYGLIHQGM KCDTCDMNVH KQCVINVPSL CGMDHTEKRG RIYLKAEVAD EKLHVTVRDA KNLIPMDPNG LSDPYVKLKL IPDPKNESKQ KTKTIRSTLN PQWNESFTFK LKPSDKDRRL SVEIWDWDRT TRNDFMGSLS FGVSELMKMP ASGWYKLLNQ EEGEYYNVPI PEGDEEGNME LRQKFEKAKL GPAGNKVISP SEDRKQPSNN LDRVKLTDFN FLMVLGKGSF GKVMLADRKG TEELYAIKIL KKDVVIQDDD VECTMVEKRV LALLDKPPFL TQLHSCFQTV DRLYFVMEYV NGGDLMYHIQ QVGKFKEPQA VFYAAEISIG LFFLHKRGII YRDLKLDNVM LDSEGHIKIA DFGMCKEHMM DGVTTRTFCG TPDYIAPEII AYQPYGKSVD WWAYGVLLYE MLAGQPPFDG EDEDELFQSI MEHNVSYPKS LSKEAVSICK GLMTKHPAKR LGCGPEGERD VREHAFFRGI DWEKLENREI QPPFKPKVCG KGAENFDKFF TRGQPVLTPP DQLVIANIDQ SDFEGFSYVN PQFVHPILQS AV.