

RKCA 抗原（重组蛋白）

中文名称： RKCA 抗原（重组蛋白）

英文名称： PRKCA Antigen (Recombinant Protein)

别名： AAG6; PKCA; PRKACA; PKC-alpha

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 339-597 amino acids of human PRKCA

技术规格

Full name:	protein kinase C, alpha
Synonyms:	AAG6; PKCA; PRKACA; PKC-alpha
Swissprot:	P17252
Gene Accession:	BC109273
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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.