

Recombinant Human PRKCA

Catalog No: #GP10704



Package Size: #GP10704-1 100ug

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Description

Product Name	Recombinant Human PRKCA
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 339-597 amino acids of human protein kinase C, alpha
Target Name	protein kinase C, alpha
Other Names	AAG6; PKCA; PRKACA; PKC-alpha
Accession No.	Swissprot:P17252Gene Accession:BC109273
Uniprot	P17252
GeneID	5578;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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