PKCα (human), (recombinant) (GST-tag)

PKCα is a member of the PKC family of serine- and threonine-specific protein kinases that can be activated by calcium and diacylglycerol. It 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.

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BML-SE494-0005	5µg

Manuals, SDS & CofA View Online »

Handling & Storage

Long Term Storage -80°C

Shipping Dry Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name	Protein kinase Cα
Application Notes	Useful for kinetic and functional studies, phosphorylation of target substrates, drug screening.
MW	103 kDa
Source	Produced in insect cells. Full length active PKCa (protein kinase C α) is fused at the N-terminus to a GST-tag. Produced in a baculovirus expression system.
UniProt ID	P17252

Last modified: May 29, 2024

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