Creative Enzymes®

protein kinase C

Cat. No. EXWM-3132

Lot. No. (See product label)

Introduction

Description	A family of serine- and threonine-specific protein kinases that depend on lipids for activity. They can be activated by calcium but have a requirement for the second messenger diacylglycerol. Members of this group of enzymes phosphorylate a wide variety of protein targets and are known to be involved in diverse cell-signalling pathways. Members of the protein kinase C family also serve as major receptors for phorbol esters, a class of tumour promoters.
Synonyms	calcium-dependent protein kinase C; calcium-independent protein kinase C; calcium/phospholipid dependent protein kinase; cPKCα; cPKCβ; cPKCγ; nPKCΔ; nPKCε; nPKC; nPKC; PKC; PKCα; PKCβ; PKCγ; PKCΔ; PKCε; PKCζ; Pkc1p; protein kinase Cε; STK24

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.11.13
Reaction	ATP + a protein = ADP + a phosphoprotein
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.