

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; cPKC α ; cPKC β ; cPKC γ ; nPKC Δ ; nPKC ϵ ; nPKC; nPKC; PKC; PKC α ; PKC β ; PKC γ ; PKC Δ ; PKC ϵ ; PKC ζ ; Pkc1p; protein kinase C ϵ ; 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.