

## 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 $\alpha$ ; cPKC $\beta$ ; cPKC $\gamma$ ; nPKC $\Delta$ ; nPKC $\epsilon$ ; nPKC; nPKC; PKC; PKC $\alpha$ ; PKC $\beta$ ; PKC $\gamma$ ; PKC $\Delta$ ; PKC $\epsilon$ ; PKC $\zeta$ ; Pkc1p; protein kinase C $\epsilon$ ; 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.