

### PKC gamma, Active recombinant protein

PKC, protein kinase C, gammaprotein kinase C Catalog # PBV11337r

# **Specification**

## PKC gamma, Active recombinant protein - Product info

Primary Accession P05129
Concentration 0.1

Calculated MW 105.0 kDa KDa

## PKC gamma, Active recombinant protein - Additional Info

Gene ID 5582
Gene Symbol PRKCG

**Other Names** 

PKC, protein kinase C, gammaprotein kinase C

Source Baculovirus (Sf9 insect cells)

Assay&Purity SDS-PAGE; ≥80%

Assay2&Purity2 HPLC; Recombinant Yes

Format Liquid

#### Storage

-80°C; Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.

# PKC gamma, Active recombinant protein - Protocols

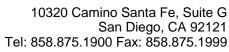
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## PKC gamma, Active recombinant protein - Images

## PKC gamma, Active recombinant protein - Background

PKCγ is a member of the protein kinase C (PKC) family of serine- and threonine-specific protein kinases that can phosphorylate a wide variety of protein targets known to be involved in diverse cellular signaling pathways. In the brain, PKC is translocated to cell membranes during ischemia and is rapidly removed or degraded during the second otherwise lethal ischemic insult in





preconditioned brains. This suggest that ischemic preconditioning enhances downregulation of cell signaling mediated by PKC and may thereby provide neuroprotection (1).