10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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
- Immunohistochemistry
- Immunofluorescence
- 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).