

Recombinant Human PKC gamma (N-GST tag) Cat No:HR2R1878

For research use only

Overview

Quantity	10 ?g
Gene Symbol	PKC?
Gene ID	N/A
Accession	NM_002739
Alternative Name	PKCC; PKCG; SCA14; MGC57564; PKC-gamma; PRKCG
Species	Human
Source	Insect cells
Description	PKC? 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.
Functions	The specific activity of PKC? was determined to be 512 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	105
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store a recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.