

PRKCG

Recombinant Human PRKCG/PKC Gamma GST Active

Catalog No.	CRP117A CRP117B	Quantity:	5 µg 10 µg
Alternate Names:	PKCC, PKCG, SCA14, PKC-gamma		
GenelD:	5582		
Protein Accession No:	NM_002739		
Description:	Recombinant human full length PRKCG with N-terminal GST tag. PRKCG 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, PRKCG 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 PRKCG and may thereby provide neuroprotection.		
Concentration:	0.1 mg/ml		
Source:	Sf9 insect cells		
Molecular Weight:	~ 105 kDa		
Formulation:	Liquid in 50 mM Tris-HCl, pH 7.5 + 150 mM NaCl + 0.25 mM DTT + 0.1 mM EGTA + 0.1 mM EDTA + 0.1 mM PMSF + 25% glycerol		
Specific Activity:	512 nmol/min/mg		
Storage & Stability:	Stable for 1 year in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

