

Recombinant Human PKC mu (N-GST tag)

Cat No:HR2R1880

For research use only

Overview

Quantity	10 ?g
Gene Symbol	PKC?
Gene ID	N/A
Accession	X75756
Alternative Name	PKD; PKCM; PRKCM
Species	Human
Source	Insect cells
Description	Protein kinase Cmu (PKC?) is a member of the protein kinase C (PKC) family that differs from the other PKC isoenzymes in structural and enzymatic properties. PKC? is a ubiquitous in nature with the highest expression in the thymus, lung and peripheral blood mononuclear cells . PKC? forms a complex in vivo with a phosphatidylinositol 4-kinase and a phosphatidylinositol-4-phosphate 5-kinase. A region of PKC? between the amino-terminal transmembrane domain and the pleckstrin homology domain is shown to be involved in the association with the lipid kinases .?
Functions	The specific activity of PKC? was determined to be 640 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	131
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 at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.