

Recombinant Human PKC zeta (N-GST tag)

Cat No:HR2R1883

For research use only

Overview

Quantity	10 ?g
Gene Symbol	PKC?
Gene ID	N/A
Accession	NM_002744
Alternative Name	PRKCZ; PRKCZ; PKC2
Species	Human
Source	Insect cells
Description	PKC? is an atypical isoform of the PKC family. PKC? is found in both particulate and soluble fractions and cannot be activated by phorbol ester. Overexpression of PKC? and subsequent phorbol ester treatment abolished phorbol ester-induced reduction in cell proliferation . Overexpression of PKC? also potentiates phorbol ester-induced mitogen-activated protein (MAP) kinase activation in a PKC-dependent manner. PKC? is an upstream modulator of p70S6K, an important regulator of cell proliferation .?
Functions	The specific activity of PKC? was determined to be 130 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	93
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.