

Recombinant Human PKC delta (N-GST tag)

Cat No:HR2R1875

For research use only

Overview

Quantity	10 ?g
Gene Symbol	PKCd
Gene ID	N/A
Accession	NM_006254
Alternative Name	PRKCD; MAY1; MGC49908; nPKC-delta
Species	Human
Source	Insect cells
Description	?Protein kinase C delta (PKCd) is a member of the protein kinase C (PKC) family of serine-threonine kinases. It is a 79 kd protein kinase that shows strict dependence on the presence of phospholipids, but shows no activation by Ca ²⁺ . Phosphatidylinositol is the most potent activator of PKC delta. Northern blot analysis indicated that PKCdelta is widely distributed in almost all the tissues and is a major isoform of PKC expressed in hemopoietic cells . PKCdelta is involved in fundamental cellular functions regulated by diacylglycerols and mimicked by phorbol esters.
Functions	The specific activity of PKCd was determined to be 284 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	104
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.