

## Recombinant Human PKC $\eta$ (N-GST tag)

Cat No:HR2R1877

For research use only

### Overview

Quantity	10 $\mu$ g
Gene Symbol	PKC $\eta$
Gene ID	N/A
Accession	NM_006255
Alternative Name	PKCL; PKC-L; PRKCL; MGC5363; MGC26269; nPKC- $\eta$ , PRKCH
Species	Human
Source	Insect cells
Description	PKC $\eta$ 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. PKC $\eta$ is predominantly expressed in squamous cell epithelia and induces terminal differentiation of keratinocytes. PKC $\eta$ that is endogenously expressed or overexpressed is found to associate with the cyclin E/cdk2/p21 complex in keratinocytes of mice and humans .?
Functions	The specific activity of PKC $\eta$ was determined to be 86 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	103
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at $-70^{\circ}$ 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.