

## Recombinant Human PKC epsilon (N-GST tag)

Cat No:HR2R1876

For research use only

### Overview

Quantity	10 ?g
Gene Symbol	PKCe
Gene ID	N/A
Accession	NM_005400
Alternative Name	PRKCE; MGC125656; MGC125657; nPKC-epsilon
Species	Human
Source	Insect cells
Description	PKCe 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. PKCe is involved in many different cellular functions, such as neuron channel activation , cardioprotection from ischemia , heat shock response, as well as insulin exocytosis. Knockout studies in mice suggest that this kinase is important for lipopolysaccharide (LPS)-mediated signaling in activated macrophages and may control anxiety-like behavior .
Functions	The specific activity of PKCe was determined to be 1258 nmol /min/mg as per activity assay protocol
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	110
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.