

PRKCI

Recombinant Human Protein Kinase C iota His-Tagged

Catalog No.	CSI13463	Quantity:	5 µg
Alternate Names:	PKCI, PKC-iota		
Gene ID:	5584		
Protein Accession No:	NP_002731		
Description:	Recombinant human full length PRKCI, His-tagged. The PKC family of serine/threonine kinases, including PRKCI, is activated intracellularly by signal transduction pathways. In humans, at least 12 different PKC polypeptides have been identified. These isoforms differ in primary structure, tissue distribution, subcellular localization, mode of action <i>in vitro</i> , response to extracellular signals, and substrate specificity. PKC alpha, beta I, beta II and gamma form the conventional family; their activities are Ca ²⁺ - and phospholipid-dependent. No special measures were taken to activate this kinase.		
Source:	Insect cells		
Molecular Weight:	71.5 kDa		
Formulation:	Liquid in 20 mM HEPES, pH 7.5 + 150 mM NaCl + 0.5 mM EGTA + 0.5 mM EDTA + 0.05% NP-40 + 5 mM DTT + 50% glycerol		
Storage & Stability:	Stable for 6 months in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.		

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