

Active Recombinant Full Length Human PRKCQ Protein, GST-tagged

Cat. No. PRKCQ-5515HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human PKCθ [1-706(end) amino acids of accession number NP_006248.1] was expressed as N-terminal GST-fusion protein (109 kDa) using baculovirus expression system. GST-PKCθ was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-706
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate, Mg(or Mn)/ATP, and Lipid Activator. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.
Purity	73%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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GENE INFORMATION

Gene Name	protein kinase C, theta
Official Symbol	PRKCQ
Synonyms	PRKCQ;PRKCT;nPKC-theta
Protein Refseq	NP_006248.1
UniProt ID	Q04759

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