Recombinant Human PRKCZ, GST-tagged

Cat. No. PRKCZ-1957H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRKCZ protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-350aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	PRKCZ protein kinase C, zeta [Homo sapiens]
Official Symbol	PRKCZ
Synonyms	PRKCZ; protein kinase C, zeta; protein kinase C zeta type; PKC2; nPKC-zeta; PKC-ZETA;
Gene ID	5590

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mRNA Refseq	NM_001033581
Protein Refseq	NP_001028753
MIM	176982
UniProt ID	Q05513
Chromosome Location	1p36.33-p36.2
Pathway	CDC42 signaling events, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Ceramide signaling pathway, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; EGFR1 Signaling Pathway, organism-specific biosystem;
Function	ATP binding; insulin receptor substrate binding; metal ion binding; nucleotide binding; protein binding; protein kinase C activity; protein kinase activity; protein serine/threonine kinase activity; zinc ion binding;

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