

Recombinant Human PRKCI, GST-tagged

Cat. No. PRKCI-1956H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRKCI 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°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PRKCI protein kinase C, iota [Homo sapiens]
Official Symbol	PRKCI
Synonyms	PRKCI; protein kinase C, iota; DXS1179E; protein kinase C iota type; PKCI; PRKC-lambda/iota; aPKC-lambda/iota; atypical protein kinase C-lambda/iota; nPKC-iota; MGC26534;

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Gene ID	5584
mRNA Refseq	NM_002740
Protein Refseq	NP_002731
MIM	600539
UniProt ID	P41743
Chromosome Location	3q26.3
Pathway	Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; G Protein Signaling Pathways, organism-specific biosystem;
Function	ATP binding; metal ion binding; nucleotide binding; phospholipid binding; protein binding; protein kinase C activity; protein kinase activity; protein serine/threonine kinase activity; protein serine/threonine kinase activity; zinc ion binding;

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