

Recombinant Human PRKCI Protein (Ile375-Val596), His tagged

Cat. No. PRKCI-5991H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PRKCI (Ile375-Val596) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ile375-Val596
Description	Calcium- and diacylglycerol-independent serine/ threonine-protein kinase that plays a general protective role against apoptotic stimuli, is involved in NF-kappa-B activation, cell survival, differentiation and polarity, and contributes to the regulation of microtubule dynamics in the early secretory pathway. Is necessary for BCR-ABL oncogene-mediated resistance to apoptotic drug in leukemia cells, protecting leukemia cells against drug-induced apoptosis.
Form	Lyophilized powder/frozen liquid
Molecular Mass	25.9 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	PRKCI protein kinase C, iota [Homo sapiens (human)]
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;
Gene ID	5584
mRNA Refseq	NM_002740
Protein Refseq	NP_002731
MIM	600539
UniProt ID	P41743

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