

Recombinant Human PRKCI Protein, GST-tagged

Cat. No. PRKCI-757H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRKCI Protein(NP_002731.4) (Met 10-Val 596) was expressed in Insect Cells, fused with the GST tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	10-596 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM GSH, 0.5mM PMSF, 10% glycerol, pH 7.4.
Molecular Mass	The recombinant human PKC λ /GST chimera consists of 812 amino acids and has a predicted a molecular mass of 93.5 kDa. It migrates as an approximately 100 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μ g protein as determined by the LAL method.
Purity	> 88 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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;
Gene ID	5584
mRNA Refseq	NM_002740
Protein Refseq	NP_002731
MIM	600539
UniProt ID	P41743

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