

Recombinant Human PRKCD Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PRKCD-4106H Lot. No. (See product label)

SPECIFICATION

Product Overview

PRKCD MS Standard C13 and N15-labeled recombinant protein (NP_997704) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

The protein encoded by this gene is a member of the protein kinase C family of serine- and threonine-specific protein kinases. The encoded protein is activated by diacylglycerol and is both a tumor suppressor and a positive regulator of cell cycle progression. Also, this protein can positively or negatively regulate apoptosis. Defects in this gene are a cause of autoimmune lymphoproliferative syndrome.

Molecular Mass

77.5 kDa

AA Sequence

MAPFLRIAFNSYELGSLQAEDEANQPFCVAKMKEALSTERGKTLVQKKPTMYPEWK
STFDAHIYEGRVIQIVLMRAAEPEVSEVTGVSVLAERCKKNGKAEFWLDLQPQAK
VLMSVQYFLEDVDCKQSMRSEDEAKFPTMNRRAIKQAKIHYIKNHEFIATFFGQPT
FCSVCKDFVWGLNKQGYKCRQCNAAIHKKCIDKIIGRCTGTAANSRDTIFQKERFNID
MPHRFKVHNYMSPTFCDHCGSLLWGLVKQGLKCEDCGMNVHKKCREKVANLCGI
NQKLLAEALNQVTQRASRRSDSASSEPVGIYQGFEKKTGVAGEDMQDNSGTYGKI
WEGSSKCNINNFIFHKVLGKGSFGKVLLGELKGRGEYFAIKALKKDVVLIDDDVECTM
VEKRVLTAAENPFLTHLICTFQTKDHLFFVMEFLNGGDLMYHIQDKGRFELYRATFY

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AAEIMCGLQLHSGKGIYRDLKLDNVLLDRDGHIKIADFGMCKENIFGESRASTFCGTP
 DYIAPEILQGLKYTFSVDWWSFGVLLYEMLIGQSPFHGDDDELFEFESIRVDTPHYPR
 WITKESKDILEKLFEREPTKRLGVTGNIKIHPFFKTINWTLLEKRRLEPPFRPKVKSPR
 DYSNFDQEFLENEKARLSYSDKNLIDSMDQSAFAGFSFVNPKEHLLDTRTRPLEQK
 LISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PRKCD protein kinase C delta [Homo sapiens (human)]

Official Symbol PRKCD

Synonyms PRKCD; protein kinase C, delta; protein kinase C delta type; protein kinase C delta VIII; tyrosine-protein kinase PRKCD; MAY1; PKCD; nPKC-delta; MGC49908;

Gene ID 5580

mRNA Refseq NM_212539

Protein Refseq NP_997704

 Tel: 1-631-559-9269 1-516-512-3133

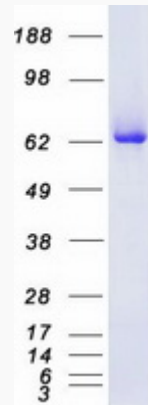
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 176977

UniProt ID Q05655

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA