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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

PRKCD (Human) Recombinant Protein (P01)

Catalog Number: H00005580-P01

Regulation Status: For research use only (RUO)

Product Description: Human PRKCD full-length ORF (NP_006245.2, 1 a.a. - 676 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAPFLRIAFNSYELGSLQAEDEANQPFCVAKMKEALS
TERGKTLVQKKPTMYPEWKSTFDAHIYEGRVIQIVLMR
AAEEPVSEVTVGVSVAERCKKNGKAEFWLDLQPQ
AKVLMVSVQYFLEDVDCKQSMRSEDEAKFPTMNRGAI
KQAKIHYIKNHEFIATFFGQPTFCSVCKDFVWGLNKQG
YKCRQCNAAIHKKCIDKIIGRCTGTAANSRDTIFQKERF
NIDMPHRFKVHNYMSPTFCDHCGSLLWGLVKQGLKC
EDCGMNVHKKREKVANLCGINQKLLAEALNQVTQRA
SRRSDSASSEPVGIYQGFEEKTGVAGEDMQDNSGT
Y GKIWEGSSKCNINNFIFHKVLGKGSFGKVLGELKGRG
EYFAIKALKKDVVLIDDDVECTMVEKRVLTAAENPFLT
HLICTFQTKDHLFFVMEFLNGGDLMYHIQDKGRFELYR
ATFYAAEIMCGLQFLHSGIYRDLKLDNVLLDRDGHKI
ADFGMCKENIFGESRASTFCGTPDYIAPEILQGLKYTF
SVDWWSFGVLLYEMLIGQSPFHGDDELFESIRVDT
PHYPRWITKESKDILEKLFEREPTKRLGVTGNIKIHPFF
KTINWTLLEKRRLEPPFRPKVKSPRDYSNFDQEFLEK
ARLSYSDKNLIDSMQSAFAGFSFVNPKEHLLD

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 103.9

Interspecies Antigen Sequence: Mouse (91); Rat (90)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5580

Gene Symbol: PRKCD

Gene Alias: MAY1, MGC49908, PKCD, nPKC-delta

Gene Summary: Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play distinct roles in cells. The protein encoded by this gene is one of the PKC family members. Studies both in human and mice demonstrate that this kinase is involved in B cell signaling and in the regulation of growth, apoptosis, and differentiation of a variety of cell types. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq]