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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

PRKCB1 (Human) Recombinant Protein (P01)

Catalog Number: H00005579-P01

Regulation Status: For research use only (RUO)

Product Description: Human PRKCB1 full-length ORF (NP_997700.1, 1 a.a. - 671 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MADPAAGPPPSEGEESTVRFARKGALRQKNVHEVKN
HKFTARFFKQPTFCSHCTDFIWGFGKQGFQCQVCCF
VVHKRCHEFVTFSCPGADKGPASDDPRSKHKFKIHTY
SSPTFCDHCGSLLYGLIHQGMKCDTCMMNVHKRCVM
NVPSLCGTDHTERRGRIYQAHIDRDVLIVLRDAKNLV
PMDPNGLSDPYVKLKLIPDPKSESKQKTKTIKCSLNPE
WNETFRFQLKESDKDRRLSVEIWDWDLTSRNDFMGS
LSFGISELQKASVDGWFKLLSQEEGEYFNVPVPEGS
EANEELRQKFERAKISQGTKVPEEKTNTVSKFDNNG
NRDRMKLTDNFNLMVLGKGSFGKVMLSERKGTDELY
AVKILKDDVVIQDDDVECTMVEKRVLALPGKPPFLTQL
HSCFQTMDRLYFVMEYVNGGDLMYHIQQVGRFKEPH
AVFYAAEIAIGLFFLQSKGIIYRDLDNVMMLDSEGHKI
ADFGMCKENIWDGVTTKTCGTPDYIAPEIIAYQPYGK
SVDWWAFGVLLYEMLAGQAPFEGEDEDLQFSIMEH
NVAYPKSMSKEAVAICKGLMTKHPGKRLGCGPEGER
DIKEHAFFRYIDWEKLERKEIQPPYKPKARDKRDTSNF
DKEFTRQPVELTPTDKLFIMNLDQNEFAGFSYTNPEFV
INV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 103.3

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: 5579

Gene Symbol: PRKCB

Gene Alias: MGC41878, PKC-beta, PKCB, PRKCB1, PRKCB2

Gene Summary: Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and 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 a distinct role in cells. The protein encoded by this gene is one of the PKC family members. This protein kinase has been reported to be involved in many different cellular functions, such as B cell activation, apoptosis induction, endothelial cell proliferation, and intestinal sugar absorption. Studies in mice also suggest that this kinase may also regulate neuronal functions and correlate fear-induced conflict behavior after stress. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]