



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## 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  
NRDRMKLTDNFMLVLGKGSFGKVMLSERKGTDELY  
AVKILKDDVVIQDDVECTMVEKRVLALPGKPPFLTQL  
HSCFQTMDRLYFVMEYVNGGDLMYHIQQVGRFKEPH  
AVFYAAEIAIGLFFLQSKGIIYRDLKLDNVMLDSEGHKI  
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]