



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

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

PKN1 (Human) Recombinant Protein (P01)

Catalog Number: H00005585-P01

Regulation Status: For research use only (RUO)

Product Description: Human PKN1 full-length ORF (AAH40061.1, 1 a.a. - 942 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MASDAVQSEPRSWSLLEQLGLAGADLAAPGVQQQLE
LERERLRREIRKELKLKEGAENLRRATTDLGRSLGPVE
LLLRGSSRRLLDLHQQLQELHAHVVLDPDAATHDGPQ
SPGAGGPTCSATNLSRVAGLEKQLAIELKVKQGAENMI
QTYNSGSKDRKLLLTAAQMLQDSKTKIDIIRMQLRRA
LQAGQLENQAAPDDTQGSPDLGAVELRIEELRHHFRV
EHAVAEGAKNVLRLLSAAKAPDRKAVSEAQEKLTESN
QKLGLLREALERRLGELPADHPKGRLLREELAAASSAA
FSTRLAGPFATHYSTLCKPAPLTGTLEVRVVGCRDLP
ETIPWNPTPSMGGPGTSDSRPPFLSRPARGLYSRSGS
LSGRSSLKAEAENTSEVSTVLKLDNTVVGQTSWKPCG
PNAWDQSFTLELERARELELAVFWRDQRGLCALFKFLK
LEDFLDNERHEVQLDMEPQGCLVAEVTFRNPVIERIPR
LRRQKKIFSKQQGKAFQRRARQMNIDVATWVRLRLRLLIP
NATGTGTFSFGASPGSEARTTGDISVEKLNLTGSDSDS
SPQKSSRDPPSSPSSLSPIQUESTAPELSETQETPGP
ALCSPLRKSPLTLEDKFLAVLGRGHFGKVLSEFRPS
GELFAIKALKKGDIVARDEVESLMCEKRILAAVTSAGHP
FLVNLFGCFQTPHEVCFVMEYSAGDMLLHIHSDVFS
EPRAIFYSACVVLGLQLHEHKIVYRDLKLDNLLDTEG
YVKIADFGLCKEKGMYGDRSTFCGTPEFLAPEVLTD
TSYTRAVDWWGLGVLLYEMLVGESPFPGDDEEEVFD
SIVNDEVRYPRFLSAEIGIMRLLRRNPERRLGSSER
DAEDVKKQPFRTLGWEALLARRLPPPFVPTLSGRTDI
SNFDEEFTGEAPTLSPPRDARPLTAAEQAAFLDFDFVA
GGC

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 130.3

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: 5585

Gene Symbol: PKN1

Gene Alias: DBK, MGC46204, PAK1, PKN, PKN-ALPHA, PRK1, PRKCL1

Gene Summary: The protein encoded by this gene belongs to the protein kinase C superfamily. This kinase is activated by Rho family of small G proteins and may mediate the Rho-dependent signaling pathway. This kinase can be activated by phospholipids and by limited proteolysis. The 3-phosphoinositide dependent protein kinase-1 (PDPK1/PDK1) is reported to phosphorylate this kinase, which may mediate insulin signals to the actin cytoskeleton. The proteolytic activation of this kinase by caspase-3 or related proteases during apoptosis suggests its role in signal transduction related to apoptosis. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq]