



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

### PAK6 (Human) Recombinant Protein (P01)

**Catalog Number:** H00056924-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human PAK6 full-length ORF ( NP\_064553.1, 1 a.a. - 681 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MFRKKKKKRPEISAPQNFQHRVHTSFDPKEGKFVGLP  
PQWQNILDTLRRPKPVVDPSTRITRVQLQPMKTVVRGS  
AMPVDGYISGLLNDIQKLSVISSNTLRGRSPTSRRAQ  
SLGLLGDEHWATDPDMLQSPQSERDTPHGLYLSCN  
GGTPAGHKQMPWPEPQSPRVLPNGLAAKAQLSGPAE  
FQGASQRCLQLGACLQSSPPGASPPTGTNRHGMKAA  
KHGSEEARPQSCLVGSATGRPGGEGSPSPKTRESSL  
KRRLFRSMFLSTAATAPPSSSKPGPPPQSKPNSSFRP  
PQKDNPPSLVAKAQSLPSDQPVGTFSPPLTSDTSSPQ  
KSLRTAPATGQLPGRSSPAGSPRTWHAQISTSNLVLP  
QDPTVAKGALAGEDTGVVTHEQFKAALRMVVDQGD  
RLLLDVYKIGEGSTGIVCLAREKHSGRQVAVKMMDL  
RKQQRRELLFNEVVIMRDYQHFNVVEMYKSYLVGEEL  
WVLMFLQGGALTDIVSQVRLNEEQIATVCEAVLQALA  
YLHAQGVHRDIKSDSILLTDGRVKLSDFGFCAQISKD  
VPKRKSLVGTPTYWMAPEVISRSLYATEVDIWSLGMVI  
EMVDGEPYPYFSDSPVQAMKRLRDSPPPKLNKSHKVS  
PVLRFLEMLVRDPQERATAQELLDHPFLQTGLPE  
CLVPLIQLYRKQTSTC

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 101.3

**Interspecies Antigen Sequence:** Mouse (92); Rat (92)

**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:** 56924

**Gene Symbol:** PAK6

**Gene Alias:** PAK5

**Gene Summary:** This gene encodes a member of the p21-activated kinase (PAK) family. The proteins of this family are Rac/Cdc42-associated Ste20-like Ser/Thr protein kinases, characterized by a highly conserved amino-terminal Cdc42/Rac interactive binding (CRIB) domain and a carboxyl-terminal kinase domain. PAK kinases are implicated in the regulation of a number of cellular processes, including cytoskeleton rearrangement, apoptosis and the MAP kinase signaling pathway. The protein encoded by this gene was found to interact with androgen receptor (AR), which is a steroid hormone-dependent transcription factor that is important for male sexual differentiation and development. This gene was found to be highly expressed in testis and prostate tissues and the encoded protein was shown to cotranslocate into the nucleus with AR in response to androgen. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]