



# 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

### PAK1 (Human) Recombinant Protein (Q01)

**Catalog Number:** H00005058-Q01

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

**Product Description:** Human PAK1 partial ORF ( NP\_002567, 191 a.a. - 280 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

APRPEHTKSVYTRSVIEPLVPTPTRDVATSPISPTENNT  
TPPDALTRNTEKQKKKPKMSDEEILEKLRISIVSGDPK  
KKYTRFEKIGQGA

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

**Theoretical MW (kDa):** 35.53

**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:** 5058

**Gene Symbol:** PAK1

**Gene Alias:** MGC130000, MGC130001, PAKalpha

**Gene Summary:** PAK proteins are critical effectors that link RhoGTPases to cytoskeleton reorganization and nuclear signaling. PAK proteins, a family of serine/threonine p21-activating kinases, include PAK1, PAK2, PAK3 and PAK4. These proteins serve as targets

for the small GTP binding proteins Cdc42 and Rac and have been implicated in a wide range of biological activities. PAK1 regulates cell motility and morphology. Alternativelt spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]