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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PAK1 (Human) Recombinant Protein (P01)

Catalog Number: H00005058-P01

Regulation Status: For research use only (RUO)

Product Description: Human PAK1 full-length ORF (AAH50377.1, 1 a.a. - 447 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MSNNGLDIQDKPPAPPMRNTSTMIGAGSKDAGTLNHG
SKPLPPNPEEKKKKDRFYRSILPGDKTNKKKEKERPEI
SLPSDFEHTIHVGFDAVTGFTGMPEQWARLLQTSNIT
KSEQKKNPQAVLDVLEFYNSKKTNSQKYMSFTDKSA
EDYNSSNALNVKAVSETPAVPPVSEDEDDDDDDATPP
PVIAPRPEHTKSVYTRSVIEPLVTPTRDVATSPISPT
NNTTPPDALTRNTEKQKKKPKMSDEEILEKLRISIVSG
DPKKKYTRFEKIGQGASGTVYTAMDVATGQEVAIKQM
NLQQQPKKELIINEILVMRENKNPNIVNYLDSYLVGDEL
WVMEYLAGGSLTDVVTETCMDEGQIAAVCRECLQAL
EFLHSNQVIHRDIKSDNILLGMDGSVKLTDFGFCAQITP
EQSKRSTMVGTPTYWMAPEVVTRKAYGPKVDI
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 76

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]