



[Go to Product page](#)

Datasheet for ABIN1474314
PAK1 Protein (AA 2-544) (His tag)

Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | PAK1 |
| Protein Characteristics: | AA 2-544 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This PAK1 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

| | |
|------------------|---|
| Sequence: | <p>SNNGLDVQD KPPAPPMRNT STMIGAGSKD PGTLNHGSKP LPPNPEEKKK KDRFYRSILA GDKTNKKKEK ERPEISLPSD FEHTIHVGFD AVTGEFTGMP EQWARLLQTS NITKSEQKKN PQAVLDVLEF YNSKKTNSQ KYMSFTDKSA EDYNSSNTLN VKTVSETPAV PPVSEDEDDD DDATPPPVIA PRPEHTKSVY TRSVIEPLPV TPTRDVATSP ISPTENNTTP PDALTRNTEK QKKKPKMSDE EILEKLSIV SVGDPKKKYT RFEKIGQGAS GTVYTAMDVA TGQEVAIKQM NLQQPKKEL IINEILVMRE NKNPNIVNYL DSYLVGDELW VMEYLAGGS LTDVVTETCM DEGQIAAVCR ECLQALEFLH SNQVIHRDIK SDNILLGMDG SVKLTDFGFC AQITPEQSKR STMVGTPYWM APEVVTRKAY GPKVDIWSLG IMAIEMIEGE PPYLNENPLR ALYLIATNGT PELQNPEKLS AIFRDFLNRC LEMDVEKRGs AKELLQHQL KIAKPLSSLT PLIAAAKEAT KNNH</p> |
| Specificity: | Rattus norvegicus (Rat) |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time. |

Product Details

Purity: > 90 %

Target Details

Target: PAK1

Alternative Name: Serine/threonine-protein kinase PAK 1 (Pak1) ([PAK1 Products](#))

Background: Recommended name: Serine/threonine-protein kinase PAK 1.
EC= 2.7.11.1.
Alternative name(s): Alpha-PAK Protein kinase MUK2 p21-activated kinase 1.
Short name= PAK-1 p68-PAK

UniProt: [P35465](#)

Pathways: [MAPK Signaling](#), [RTK Signaling](#), [TCR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#), [Skeletal Muscle Fiber Development](#), [CXCR4-mediated Signaling Events](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [Embryonic Body Morphogenesis](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Handling

| | |
|------------------|---|
| Buffer: | Tris-based buffer, 50 % glycerol |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C. |