

PAK6

Recombinant Human p21 Protein-Activated Kinase 6 His

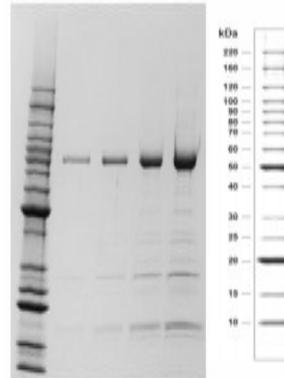
Catalog No.	CSI13448	Quantity:	10 µg
Alternate Names:	PAK5		
Description:	Recombinant Human Full-Length protein, C-terminal Histidine-tagged, expressed in insect cells. The recombinant protein is 926 amino acids including the His tag. The full length protein ends at amino acid C681. No special measures were taken to activate this kinase.		
			PAK6 is a serine/threonine kinase expressed in the testis and prostate. It associates with both the estrogen and androgen receptors.
Concentration:	0.25 mg/mL total protein as measured using the Bradford protein assay with BSA as a standard. Calculated 3,130 nM.		
Gene ID:	56924		
Protein Accession No:	NP_064553		
Source:	Insect cells		
Molecular Weight:	79.9 kDa		
Formulation:	Liquid in 50 mM Tris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 0.05% Triton X-100 + 4 mM DTT + 50% glycerol		
Purity:	85% as determined by a Coomassie® blue stained SDS-PAGE gel.		
Mass Spectrometry:	PAK6 was subjected to proteolytic digest followed by mass spec analysis. The resulting MS/MS data verified PAK6 identity by comparison against the amino acid sequence(s) of the recombinant protein.		
Specific Activity:	221 nmoles of phosphate transferred to PAKtide peptide substrate (CRRKSLVGpTPYWMAPE) per minute per mg of total protein at 30°C. Activity determined at a final protein concentration of 1.67 µg/mL.		



Amino Acid Sequence: MFRKKKKR P EISAPQNFQH RVHTSFDPKE GKFVGLPPQW QNILDTLRRP KPVVDP SRIT RVQLQPMKTV VRGSAMPV DG YISGLLNDIQ KLSVISSNTL RGRSPT SRRR AQSLG LLLGDE HWATDP DMYL QSPQ SERTDP HGLYLSCNGG TPAGHKQMPW PEPQSPRVLP NGLAAKAQSL GPAEFQGASQ RCLQLGACLQ SSPPGASPPT GTNRHGMKAA KHGSEEARPQ SCLVGSATGR PGEGSPSPK TRESSLKRRRL FRSMFLSTA A TAPPSSSKPG PPPQSKPNSS FRPPQKDNP P SLVAKAQA SLP SDQPVGTFSP LTTSDTSSPQ KSLRTAPATG QLPGRSSPAG SPRTWHAQIS TSNL YLPQDP TVAKGALAGE DTGVVTHEQF KAALRMVVDQ GDPRLLLDSY VKIGEGSTGI VCLAREKHSG RQAVAKMMDL RKQQQRRELLF NEVVIMRDYQ HFNVVEMYKS YLVGEELWVL MEFLQGGALT DIVSQVRLNE EQIATVCEAV LQALAYLHAQ GVIHRDIKSD SILLTLDGRV KLSDFGFCAQ ISKDVPKRKS LVGTPYWMAP EVISRSLYAT EVDIWSLGIM VIEMVDGEPP YFSDSPVQAM KRLRDSPPP K LKN SHK VSPV LRD FLERMLV RDPQERATAQ ELLDHPFLLQ TGLPECLVPL IQLYRKQTST CLLVPRGSNP AFLYKVVRMN EDLGKPIP NP LLG LDSTRTG HHHHHH

Storage & Stability: Stable for 6 months in working aliquots at -80°C. **Avoid repeated freeze-thaw cycles.**

SDS-PAGE and Native PAGE gels of Human PAK6. Lane 1, MW markers. Lanes 2-5, 0.5 µg, 1 µg, 2.5 µg, and 5 µg.



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com