

PAK6

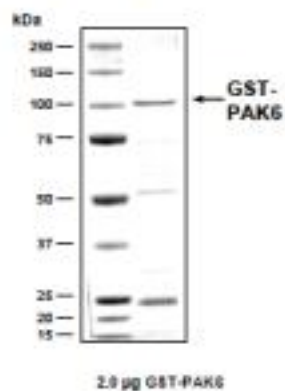
Recombinant Human PAK6 Active GST-His

Catalog No.	CSI17140	Quantity:	50 µg
Alternate Names:	PAK5, p21(CDKN1A)-activated kinase 6, p21-activated kinase 6, p21-activated protein kinase 6		
Description:	Human PAK6, full length, amino acids M ₁ -C ₆₈₁ (as in GenBank entry NM_020168)*, N-terminally fused to GST-HIS ₆ -Thrombin cleavage site, expressed in Sf9 insect cells *Sequence may contain documented polymorphisms Detailed sequence on request		
Concentration:	0.082 µg/µl		
Gene ID:	56924		
Protein Accession No:	NM_020168		
Source:	Baculovirus infected Sf9 cells		
Molecular Weight:	Theoretical MW _{Fusion Protein} : 104,780 Da		
Formulation:	50 mM HEPES-NaOH, pH 7.5 + 100 mM NaCl + 5 mM DTT + 4 mM reduced glutathione, 20% glycerol		
Purification:	One-step affinity purification using GSH-agarose		
Product Identity:	PAK6 was confirmed as PAK6 by mass spectroscopy LC-ESI-MS/MS		
Specific Activity:	7 pmol/µg×min Method for determination of Km value and specific activity: • Assay conditions: 60 mM HEPES-NaOH, pH 7.5 3 mM MgCl ₂ 3 mM MnCl ₂ 3 µM Na-orthovanadate 1.2 mM DTT 2.5 µg / 50 µl PEG _{20,000} ATP (variable) Substrate: tetra(LRRWSLG), 1.5 µg / 50 µl PAK6: 200 ng / 50 µl • Filter binding assay MSPH membrane (Millipore)		
Storage & Stability:	Store in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.		

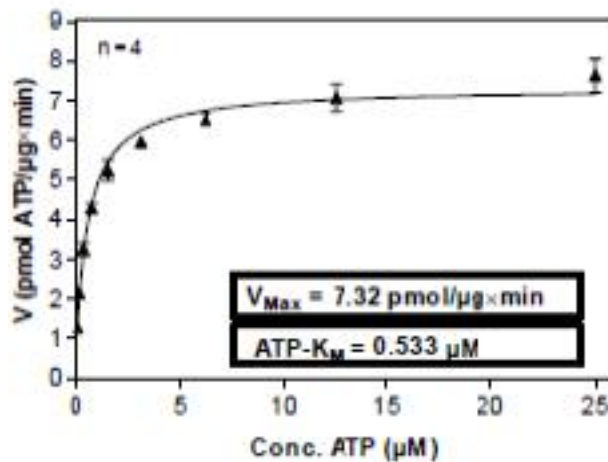
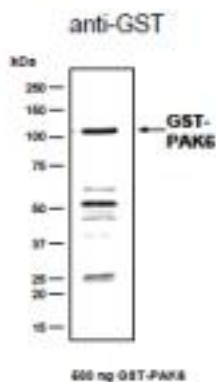


Determination of K_m value for ATP:

Coomassie stain:



Western blot analysis:



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