

PAK7

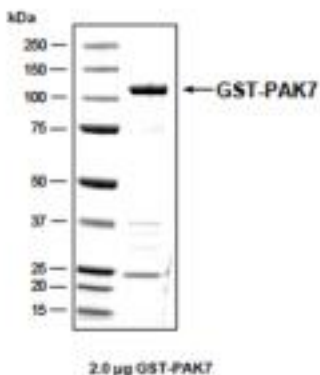
Recombinant Human PAK7 Active GST-His

Catalog No.	CSI12236	Quantity:	50 µg
Alternate Names:	KIAA1264, MGC26232, PAK5, p21(CDKN1A)-activated kinase 7, p21-activated kinase 7, protein kinase PAK5, serine/threonine-protein kinase PAK7		
Description:	Human PAK7, Amino acids M ₁ -H ₇₁₉ (as in GenBank entry NM_020341)*, N-terminally fused to GST-HIS ₆ -Thrombin cleavage site. *Sequence may contain documented polymorphisms Detailed sequence on request		
Concentration:	0.152 µg/µl		
Gene ID:	57144		
Protein Accession No:	NM_020341		
Source:	Baculovirus infected Sf9 cells		
Molecular Weight:	Theoretical MW _{Fusion Protein} : 110.660 Da		
Formulation:	50 mM Tris-HCl, pH 8.0; 100 mM NaCl, 5 mM DTT, 4 mM reduced glutathione, 20% glycerol		
Purification:	One-step affinity purification using GSH-agarose		
Product Identity:	PAK7 was confirmed as human PAK7 by mass spectroscopy LC-ESI-MS/MS		
Specific Activity:	18 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: Substrate: tetra(LRRWSLG), 2 µg / 50 µl Recombinant PAK7: 200 ng / 50 µl • Filter binding assay MSPH membrane (Millipore)		
Storage & Stability:	Store in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.		

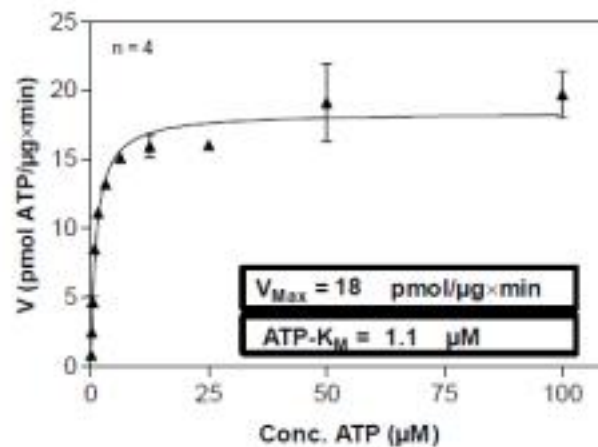
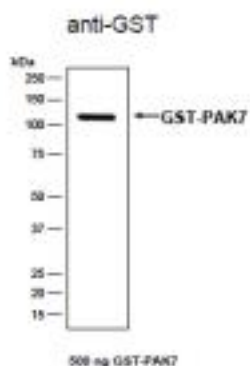


Determination of K_m value for ATP:

Coomassie stain:



Western blot analysis:



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