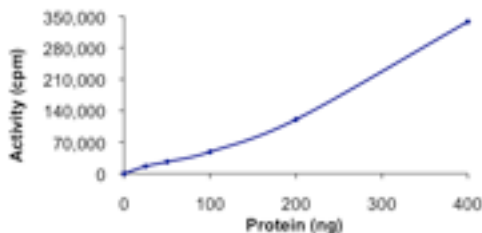


PAK4

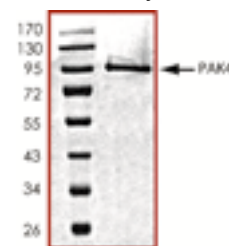
Recombinant Human PAK4/p21, Active

Catalog No.	CRP105A CRP105B	Quantity:	5 µg 10 µg
Alternate Names:	Serine/threonine-protein kinase PAK 4, p21-activated kinase 4		
Description:	PAK4 is a recently identified member of the p21-activated kinases (PAKs) which have been implicated in the regulation of cell morphology, motility and transformation. These serine/threonine kinases are activated by and are effectors of small GTPases, cdc 42 and Rac. PAK4 belongs to the Group II PAKs which also includes PAK5 and PAK6 while Group I PAKs comprise of PAK1, PAK2 and PAK3. PAK4 differs from other members of the PAK family both in sequence and function. PAK4 has been shown to regulate cell morphology and cytoskeletal organization in mammalian cells.		
UniProt ID:	O96013		
GeneID:	10298		
Tag:	N-terminal GST		
Source:	Sf9 insect cells using baculovirus		
Molecular Weight:	approximately 90 kDa		
Formulation:	50 mM Tris-HCl, 150 mM NaCl, 10 mM glutathione, 0.25 mM DTT, 0.1 mM EDTA, 0.1 mM PMSF, 25% Glycerol, pH 7.5		
Purity:	> 90% by SDS-PAGE (Coomassie)		
Concentration:	0.1 mg/ml		
Specific Activity:	>50 nmol/min/mg, by Kinase Specific Activity: nmol phosphate incorporated into the PKB-sub peptide (CKRPRAASFAE) per minute per mg protein at 30°C for 15 minutes using a final concentration of 50 µM ATP (0.83 µCi/assay).		
Storage & Stability:	Stable as supplied for up to 1 year at -80°C. It is recommended to prepare working aliquots and store at -80°C. Avoid repeat freeze/thaw cycles.		

Sample Kinase Activity Plot



Purity



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

