

Recombinant Human PAK1 protein, His-SUMO-tagged

Cat. No. PAK1-4366H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PAK1 protein(Q13153)(1-545aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	1-545aa
Form	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Molecular Mass	76.6 kDa
AA Sequence	<p>MSNNGLDIQDKPPAPPMRNTSTMIGAGSKDAGTLNHGSKPLPPNPEEKKKKDRFYR SILPGDKTNKKKEKERPEISLPSDFEHTIHVGFDAVTGEFTGMPEQWARLLQTSNITK SEQKKNPQAVLDVLEFYNSKKTNSQKYMSFTDKSAEDYNSSNALNVKAVSETPAV PPVSEDEDDDDDDATPPPVIAPRPEHTKSVYTRSVIEPLPVTPTRDVATSPISPTENN TTPPDALTRNTEKQKKKPKMSDEEILEKLRSIVSVGDPKKKYTRFEKIGQGASGTVYT AMDVATGQEVAIKQMNLLQQPKKELIINEILVMRENKNPNIVNYLDSYLVGDELWVV MEYLAGGSLTDVVTETCMDEGQIAAVCRECLQALEFLHSNQVIHRDIKSDNILLGMD GSVKLTDFGFCAQITPEQSKRSTMVGTPTYWMAPEVVTRKAYGPKVDIWSLGIMAIE MIEGEPYLNENPLRALYLIATNGTPELQNPEKLSAIFRDFLNRCLEMDVEKRGSAKE</p>

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LLQHQFLKIAKPLSSLTPLIAAAKEATKNNH

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [PAK1 p21 protein \(Cdc42/Rac\)-activated kinase 1 \[Homo sapiens \]](#)

Official Symbol [PAK1](#)

Synonyms PAK1; p21 protein (Cdc42/Rac)-activated kinase 1; p21/Cdc42/Rac1 activated kinase 1 (STE20 homolog, yeast) , p21/Cdc42/Rac1 activated kinase 1 (yeast Ste20 related); serine/threonine-protein kinase PAK 1; STE20 homolog; yeast; p65-PAK; alpha-PAK; STE20 homolog, yeast; p21/Cdc42/Rac1-activated kinase 1 (yeast Ste20-related); p21/Cdc42/Rac1-activated kinase 1 (STE20 homolog, yeast); PAKalpha; MGC130000; MGC130001;

Gene ID [5058](#)

mRNA Refseq [NM_001128620](#)

Protein Refseq [NP_001122092](#)

MIM [602590](#)

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UniProt ID

Q13153

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