

## Recombinant Human PAK1, GST-tagged

**Cat. No.** PAK1-1513H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PAK1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	14-65aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	PAK1 p21 protein (Cdc42/Rac)-activated kinase 1 [ Homo sapiens ]
<b>Official Symbol</b>	PAK1
<b>Synonyms</b>	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

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	Ste20-related); p21/Cdc42/Rac1-activated kinase 1 (STE20 homolog, yeast); PAKalpha; MGC130000; MGC130001;
<b>Gene ID</b>	<a href="#">5058</a>
<b>mRNA Refseq</b>	<a href="#">NM_001128620</a>
<b>Protein Refseq</b>	<a href="#">NP_001122092</a>
<b>MIM</b>	<a href="#">602590</a>
<b>UniProt ID</b>	<a href="#">Q13153</a>
<b>Chromosome Location</b>	11q13-q14
<b>Pathway</b>	Activation of Rac, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Aurora A signaling, organism-specific biosystem; Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem;
<b>Function</b>	ATP binding; collagen binding; nucleotide binding; protein binding; contributes_to protein binding; protein kinase activity; protein serine/threonine kinase activity;

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