

## Recombinant Human RAC1, His-tagged

Cat. No. RAC1-2147H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RAC1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-192aa
<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 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	RAC1 ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1) [ Homo sapiens ]
<b>Official Symbol</b>	RAC1
<b>Synonyms</b>	RAC1; ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1); ras-related C3 botulinum toxin substrate 1; p21 Rac1; Rac 1; TC 25; ras-like protein TC25; cell migration-inducing gene 5 protein; MIG5; Rac-1; TC-25;

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	p21-Rac1;
<b>Gene ID</b>	<a href="#">5879</a>
<b>mRNA Refseq</b>	<a href="#">NM_006908</a>
<b>Protein Refseq</b>	<a href="#">NP_008839</a>
<b>MIM</b>	<a href="#">602048</a>
<b>UniProt ID</b>	<a href="#">P63000</a>
<b>Chromosome Location</b>	7p22
<b>Pathway</b>	Activation of Rac, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosyst
<b>Function</b>	GTP binding; GTPase activity; enzyme binding; nucleotide binding; protein binding; thioesterase binding;

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