

## Recombinant Human RAC1 Protein, MYC/DDK-tagged

Cat. No. RAC1-445H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human RAC1 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Isoform B has an accelerated GEF-independent GDP/GTP exchange and an impaired GTP hydrolysis, which is restored partially by GTPase-activating proteins. It is able to bind to the GTPase-binding domain of PAK but not full-length PAK in a GTP-dependent manner, suggesting that the insertion does not completely abolish effector interaction. [UniProtKB/Swiss-Prot Function]
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	23.3 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

<b>Gene Name</b>	ras-related C3 botulinum toxin substrate 1 [ Homo sapiens ]
------------------	---

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Official Symbol</b>	RAC1
<b>Synonyms</b>	MIG5; p21-Rac1; Rac-1; TC-25
<b>Gene ID</b>	5879
<b>mRNA Refseq</b>	NM_006908.4
<b>Protein Refseq</b>	NP_008839.2
<b>MIM</b>	602048
<b>UniProt ID</b>	P63000

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA