

Recombinant Human RAC1 Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant human RAC1 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	23.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	ras-related C3 botulinum toxin substrate 1 [Homo sapiens]
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Official Symbol	RAC1
Synonyms	MIG5; p21-Rac1; Rac-1; TC-25
Gene ID	5879
mRNA Refseq	NM_006908.4
Protein Refseq	NP_008839.2
MIM	602048
UniProt ID	P63000

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