

Recombinant Human RAC3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RAC3-3936H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RAC3 MS Standard C13 and N15-labeled recombinant protein (NP_005043) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a GTPase which belongs to the RAS superfamily of small GTP-binding proteins. Members of this superfamily appear to regulate a diverse array of cellular events, including the control of cell growth, cytoskeletal reorganization, and the activation of protein kinases. Alternative splicing results in multiple transcript variants.
Molecular Mass	21.4 kDa
AA Sequence	MQAIKCVVVG DGAVGKTCLLISYTTNAFPGEYIPTVFDNYSANVMVDGKPVNLGLWD TAGQEDYDRLRPLSYPQTDVFLICFSLVSPASFENVRAKWYPEVRHHCPHTPILLVG TKL DLRDDKDTIERLRDKKLAPITYPQGLAMAREIGSVKYLECSALTQRGLKTVFDEAI RAVLCPPPVKKPGKKCTVFTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

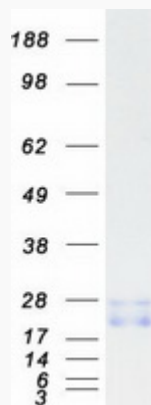
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	RAC3 Rac family small GTPase 3 [Homo sapiens (human)]
Official Symbol	RAC3
Synonyms	RAC3; ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3); ras-related C3 botulinum toxin substrate 3; p21-Rac3; rho family, small GTP binding protein Rac3;
Gene ID	5881
mRNA Refseq	NM_005052
Protein Refseq	NP_005043
MIM	602050
UniProt ID	P60763

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SDS-PAGE

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