

Recombinant Mouse Rac3 Protein, Myc/DDK-tagged

Cat. No. Rac3-5345M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length Rac family small GTPase 3 (Rac3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plasma membrane-associated small GTPase which cycles between an active GTP-bound and inactive GDP-bound state. In active state binds to a variety of effector proteins to regulate cellular responses, such as cell spreading and the formation of actin-based protusions including lamellipodia and membrane ruffles. Promotes cell adhesion and spreading on fibrinogen in a CIB1 and alpha-IIb/beta3 integrin-mediated manner.
Molecular Mass	21.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Rac3 Rac family small GTPase 3 [Mus musculus (house mouse)]

Official Symbol Rac3

Synonyms RAC3; RAS-related C3 botulinum substrate 3; ras-related C3 botulinum toxin substrate 3; p21-Rac3; Rac1B

Gene ID 170758

mRNA Refseq NM_133223

Protein Refseq NP_573486

UniProt ID P60764

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