

Recombinant Mouse Rnd1 Protein, Myc/DDK-tagged

Cat. No. Rnd1-5539M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length Rho family GTPase 1 (Rnd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Lacks intrinsic GTPase activity. Has a low affinity for GDP, and constitutively binds GTP. Controls rearrangements of the actin cytoskeleton. Induces the Rac-dependent neuritic process formation in part by disruption of the cortical actin filaments. Causes the formation of many neuritic processes from the cell body with disruption of the cortical actin filaments.
Molecular Mass	26.5 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Rnd1 Rho family GTPase 1 [Mus musculus (house mouse)]
Official Symbol	Rnd1
Synonyms	RND1; Rho family GTPase 1; rho-related GTP-binding protein Rho6; Arhs; A830014L09Rik
Gene ID	223881
mRNA Refseq	NM_172612
Protein Refseq	NP_766200
UniProt ID	Q8BLR7

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