

Recombinant Mouse Rab8b Protein, Myc/DDK-tagged

Cat. No. Rab8b-5333M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RAB8B, member RAS oncogene family (Rab8b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. That Rab may be involved in polarized vesicular trafficking and neurotransmitter release. May participate in cell junction dynamics in Sertoli cells.
Molecular Mass	23.6 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	Rab8b RAB8B, member RAS oncogene family [Mus musculus (house mouse)]
Official Symbol	Rab8b
Synonyms	RAB8B; RAB8B, member RAS oncogene family; ras-related protein Rab-8B; RAB44, member RAS oncogene family; 5930437D16; D330025I23Rik
Gene ID	235442
mRNA Refseq	NM_173413
Protein Refseq	NP_775589
UniProt ID	P61028

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