# Recombinant Mouse Rab8b Protein, Myc/DDK-tagged

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

## SPECIFICATION

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| **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

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| **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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