

Recombinant Mouse Rab32 Protein, Myc/DDK-tagged

Cat. No. Rab32-5308M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RAB32, member RAS oncogene family (Rab32), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as an A-kinase anchoring protein by binding to the type II regulatory subunit of protein kinase A and anchoring it to the mitochondrion. Also involved in synchronization of mitochondrial fission. Plays a role in the maturation of phagosomes that engulf pathogens, such as S.aureus and Mycobacterium. Plays an important role in the control of melanin production and melanosome biogenesis. In concert with RAB38, regulates the proper trafficking of melanogenic enzymes TYR, TYRP1 and DCT/TYRP2 to melanosomes in melanocytes.
Molecular Mass	25.1 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 Rab32 RAB32, member RAS oncogene family [Mus musculus (house mouse)]

Official Symbol Rab32

Synonyms RAB32; RAB32, member RAS oncogene family; ras-related protein Rab-32; AU022057; 2810011A17Rik

Gene ID 67844

mRNA Refseq NM_026405

Protein Refseq NP_080681

UniProt ID Q9CZE3

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