

Recombinant Mouse Rab34 Protein, Myc/DDK-tagged

Cat. No. Rab34-5310M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RAB34, member RAS oncogene family (Rab34), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Transport protein involved in the redistribution of lysosomes to the peri-Golgi region. Plays a role in the maturation of phagosomes that engulf pathogens, such as S.aureus and M.tuberculosis. Plays a role in the fusion of phagosomes with lysosomes. Acts also as a positive regulator of hedgehog signaling and regulates ciliary function.
Molecular Mass	29.1 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Rab34 RAB34, member RAS oncogene family [Mus musculus (house mouse)]
Official Symbol	Rab34
Synonyms	RAB34; RAB34, member of RAS oncogene family; ras-related protein Rab-34; rab-39; ras-related homolog; ras-related protein Rah; ras-related protein Rab-39; Rah; Rah1; AI326479
Gene ID	19376
mRNA Refseq	NM_033475
Protein Refseq	NP_258436
UniProt ID	Q64008

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