

Recombinant Mouse Rab14 Protein, Myc/DDK-tagged

Cat. No. Rab14-5291M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RAB14, member RAS oncogene family (Rab14), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Regulates, together with its guanine nucleotide exchange factor, DENND6A, the specific endocytic transport of ADAM10, N-cadherin/CDH2 shedding and cell-cell adhesion. Involved in membrane trafficking between the Golgi complex and endosomes during early embryonic development. Regulates the Golgi to endosome transport of FGFR-containing vesicles during early development, a key process for developing basement membrane and epiblast and primitive endoderm lineages during early postimplantation development. May act by modulating the kinesin KIF16B-cargo association to endosomes.
Molecular Mass	23.9 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.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Rab14 RAB14, member RAS oncogene family [Mus musculus (house mouse)]

Official Symbol Rab14

Synonyms RAB14; RAB14, member RAS oncogene family; ras-related protein Rab-14; AI314285; AI649155; 0610030G24Rik; 2810475J17Rik; A830021G03Rik; D030017L14Rik

Gene ID 68365

mRNA Refseq NM_026697

Protein Refseq NP_080973

UniProt ID Q91V41

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