

Recombinant Mouse Rab18 Protein, Myc/DDK-tagged

Cat. No. Rab18-5293M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RAB18, member RAS oncogene family (Rab18), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the Ras-related small GTPases, which regulate membrane trafficking in organelles and transport vesicles. This protein is expressed predominantly in lipid droplets, organelles that store neutral lipids, and is proposed to play a role in lipolysis and lipogenesis. In humans mutations in this gene are associated with Warburg micro syndrome type 3. A pseudogene of this gene is located on chromosome X. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	23 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 Rab18 RAB18, member RAS oncogene family [Mus musculus (house mouse)]

Official Symbol Rab18

Synonyms RAB18; RAB18, member RAS oncogene family; ras-related protein Rab-18; AA959686

Gene ID 19330

mRNA Refseq NM_181070

Protein Refseq NP_851415

UniProt ID P35293

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