

Recombinant Human RAB18, Member RAS Oncogene Family, His-tagged

Cat. No. RAB18-1289H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Rab18 protein, fused to T7-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	Human
Description	RAB18 is a member of a family of Ras-related small GTPase that is lipid-anchored to the cytoplasmic side of the cell membrane. It plays a role in apical recycling and endocytosis and is also thought to be involved in protein transport between early endosomes and the plasma membrane.
Form	Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 1mM DTT.
Molecular Weight	24.5 kDa (221aa)
Purity	> 90 % by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford)
Sequences of amino acids	MASMTGGQQM GRGSHMDEDV LTTLKILIIG ESGVGKSSLL LRFTDDTFDP ELAATIGVDF KVKTISVDGN KAKLAIWDTA GQERFRTLTP SYRGAQGV LVYDVTRRDT FVKLDNWLNE LETYCTRNDI VNMLVG NKID KENREVD RNE GLKFARKHSM LFIEASAKTC DGVQCAFEEL VEKIIQTPGL WESENQNKG V

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KLSHREEGQG GGACGGYCSV L

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

RAB18 RAB18, member RAS oncogene family [Homo sapiens]

Official Symbol

RAB18

Synonyms

RAB18; RAB18, member RAS oncogene family; RAB18LI1; ras-related protein Rab-18; OTTHUMP00000019371; OTTHUMP00000019372; OTTHUMP00000019373; RAB18 small GTPase; Ras-related protein Rab-18

Gene ID

22931

mRNA Refseq

NM_021252

Protein Refseq

NP_067075

MIM

602207

UniProt ID

Q9NP72

**Chromosome
Location**

10p12.1

Function

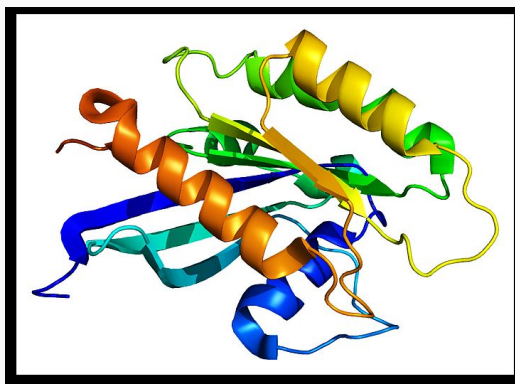
ATP binding;GTP binding;GTPase activity; nucleotide binding;transcription factor binding

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