

Recombinant Human RAB17, His-tagged

Cat. No. RAB17-3588H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RAB17 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography (1-212aa).
Species	Human
Source	E.coli
Description	RAB17, also known as Ras-related protein Rab17, belongs to the small GTPase superfamily, Rab GTPases are localized to various intracellular compartments and are known to play important regulatory roles in membrane trafficking. It is regulated traffic through the apical recycling endosome, suggested function in polarized sorting in epithelial cells.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol, 0.1M NaCl, 1mM DTT
Molecular Weight	25.6 kDa(232aa), confirmed by MALDI-TOF
Purity	> 90% by SDS - PAGE
Concentration	0.5 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MAQAH RTPQP RAAPSQPRVF KLVLLGSGSV GKSSLALRYV KNDFKSILPT VGCAFFTKVV DVGATSLKLE IWDTAGQEKY HSVCHLYFRG ANAALLVYDI TRKDSFLKAQ QWLKDLEEL HPGEVLVMLV GNKTDLSQER EVTFQEGKEF ADSQKLLFME TSAKLNHQVS EVFNTVAQEL

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LQRSDEEGQA LRGDAAVALN KGPARQAKCC AH

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

RAB17 RAB17, member RAS oncogene family [Homo sapiens]

Official Symbol

RAB17

Synonyms

RAB17; RAB17, member RAS oncogene family; ras-related protein Rab-17; Ras-related protein Rab-17; OTTHUMP00000164417; OTTHUMP00000202805; FLJ12538

Gene ID

64284

mRNA Refseq

NM_022449

Protein Refseq

NP_071894

MIM

602206

UniProt ID

Q9H0T7

Chromosome Location

2q37.3

Function

GTP binding; nucleotide binding; protein binding

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