

# Recombinant human RAB17 protein

Catalog Number: ATGP1108

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-212aa

### UniProt No.

Q9H0T7

### NCBI Accession No.

NP\_071894

### Alternative Names

Ras-related protein Rab-17, FLJ12538, RAB17 member RAS oncogene family

## PRODUCT SPECIFICATION

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### Molecular Weight

25.6 kDa (232aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 30% glycerol, 0.1M NaCl, 1mM DTT

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### 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. Recombinant human RAB17 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

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### Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MAQAHRTPQP RAAPSQPRVF KLVLLGSGSV GKSSLALRYV KNDFKSILPT VGCAFFTKVV  
DVGATSLKLE IWDTAGQEKY HSVCHLYFRG ANAALLVYDI TRKDSFLKAQ QWLKDLEEL HPGEVLVMLV GNKTDLSQER  
EVTFAQEGKEF ADSQKLLFME TSAKLNHQVS EVFNTVAQEL LQRSDEEGQA LRGDAVALN KGPARQAKCC AH

### General References

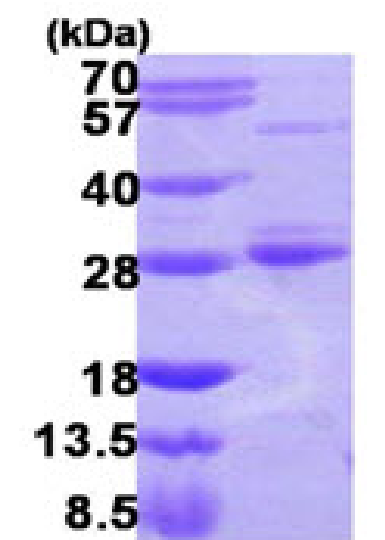
Hunziker W. et al. (1998) J Biol Chem. 273:15734-41

Zacchi P. et al. (1998) J Cell Biol. 140:1039-53

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)