

Recombinant human RAB17 protein

Catalog Number: ATGP1108

PRODUCT INFORMATION

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

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

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 MAQAHRTQP RAAPSQPRVF KLVLLGSGSV GKSSLALRYV KNDFKSILPT VGCAFFTKVV
DVGATSLKLE IWDTAGQEKY HSVCHLYFRG ANAALLVYDI TRKDSFLKAQ QWLKDLEEL HPGEVLVMLV GNKTDLSQER
EVTFAQEGKEF ADSQKLLFME TSAKLNHQVS EVFNTVAQEL LQRSDEEGQA LRGDAAVALN KGPARQAKCC AH

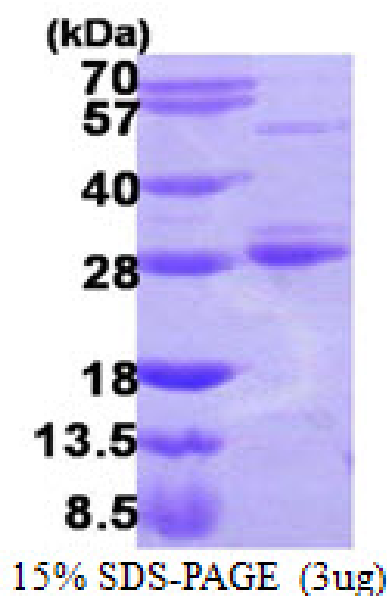
General References

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

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

DATA

SDS-PAGE



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