

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 LVYDVTTRDT FVKLDNLWNE LETYCTRNDI VNMLVGKID KENREVDRE GLKFARKHSM LFIEASAKTC DGVQCAFEEL VEKIIQTPGL WESENQNKGV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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