

**RAB18, 1-206 aa , Human, His tag E.coli**

**Cat.NO.: TP03623**

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3th Edition

**Synonyms:**Ras-related protein Rab-18, RAB18LI1.

**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. Recombinant human Rab18 protein, fused to T7-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 1mM DTT.

**Molecular Weight:**24.5 kDa (221aa)

**Sequences:**

MASMTGGQQMGRGSHMDEDVLTTLKILIIGESGVGKSSLLLRFTDDTFDPELAATIGVDFKVKVTISVDGNKAKLAIW  
DTAGQERFRTLTPSYRGAQGVILVYDVTRRDTFVKLDNWLNELEYCTRNDIVNMLVGKNKIDKENREVDRNEGLK  
FARKHSMLFIEASAKTCDGVQCAFEELVEKIIQTPGLWESENQNKGVKLSHREEGQGGGACGGYCSVL

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.