

RAB10, 1-200aa Human, His tag, E.coli

Cat.NO.: TP03618

3th Edition

Synonyms:Ras-related GTP-binding protein RAB10, RAB10

Description:RAB10 is a member of the Ras superfamily of small GTP-binding proteins. This protein is a key regulator of endocytic recycling, especially in the basolateral recycling pathways of polarized epithelial cells. It is required for the recruitment of CNT-1 to endosomal membranes in the intestinal epithelium. Recombinant human RAB10 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

Molecular Weight:24.7 kDa(220aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMAKPTYDLLFKLLLIGDSGVGKTCVLFRRFSDDAFNTTFISTIGIDFKIKTVELQGKKIK
LQIWDTAGQERFHTITTSYYRGAMGIMLVYDITNGKSFENISKWLRNIDEHANEDVERMLLGNKCDMDDKRVPKGG
KGEQIAREHGIRFFETSAKANINIEKAFLTLAEDILRKTPVKEPNSENVDISSGGGVTGWKSKCC

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

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.