

RAB1B, 1-201aa, Human, His tag, E.coli

Cat.NO.: TP03625

3th Edition

Synonyms:Ras-related protein Rab-1B

Description:RAB1B is a member of the RAB protein family, low molecular mass monomeric GTPases localized on the cytoplasmic surfaces of distinct membrane bound organelles. This protein functions in the early secretory pathway and is essential for vesicle transport between the endoplasmic reticulum (ER) and Golgi. Recombinant human RAB1B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 10% Glycerol

Molecular Weight:24.3 kDa(221aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMNPEYDYLFKLLIGDSGVGKSCLLLRFADDTYTESYISTIGVDFKIRTIELDGKTIKL
QIWDTAGQERFRTITSSYYRGAHGIIVVYDVTDQESYANVKQWLQEIDRYASENVNKLKLVGNKSDLTTKKVVDNTTA
KEFADSLGIPFLETSAKNATNVEQAFMTMAAEIKKRMGPGAASGGERP NLKIDSTPVK PAGGGCC

Purity:> 95% by HPLC

Concentration:1 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.