

RAB8B, 1-204aa, Human, His tag, E.coli

Cat.NO.: TP03650

3th Edition

Synonyms:Ras-related protein Rab-8B, 5930437D16, D330025I23Rik, FLJ38125, GTPase Rab8b, RAB 8b, RAB44

Description:RAB proteins, like RAB8B, are low molecular mass monomeric GTPases that localize on the cytoplasmic surfaces of distinct membrane-bound organelles. RAB proteins function in intracellular vesicle transport by aiding in the docking and/or fusion of vesicles with their target membranes. Recombinant human RAB8B protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Molecular Weight:25.7kDa (227aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMKTYDYLFKLLIGDSGVGKTCLLFRFSEDAFNNTTFISTIGIDFKIRTIELDGK
KIKLQIWDTAGQERFRTITTAYYRGAMGIMLVYDITNEKSFDNIKNWIRNIEEHASSDVERMILGNKCDMNDKRQVSK
ERGEKLAIDYGIKFLETSKSSANVEEAFFTLARDIMTKLNRKMNDNSNSAGAGGPVKITENRSKKTSSFFRC

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.