

RAB1A, 1-205aa, Human, His tag, E.coli

Cat.NO.: TP03624

3th Edition

Synonyms:Ras-related protein Rab-1A isoform 1, DKFZp564B163, RAB1, YPT1

Description:RAB1A, also known as ras-related protein Rab-1A, is a member of ras-related superfamily. Rab proteins play an important role for, either in endocytosis or in biosynthetic protein transport. Rab1a protein controls vesicle traffic from the endoplasmic reticulum to the Golgi apparatus. Recombinant human RAB1A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

Molecular Weight:24.8 kDa (225aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMSSMNPEYDYLFKLLIGDSGVGKSCLLRFADDTYTESYISTIGVDFKIRTIELDG
KTIKLQIWDTAGQERFRTITSSYYRGAHGIIVVYDVTQESFNNVKQWLQEIDRYASENVNKLKLLVGNKCDLTTKKVV
DYTTAKEFADSLGIPFLETSAKNATNVEQSFMTMAAEIKKRMGPGATAGGAEKSNVKIQSTPVKQSGGGCC

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.