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

产品货号: TP03624

第三版

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

描述: 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.

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

分子量: 24.8 kDa (225aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSSMNPEYDYLFKLLIGDSGVGKSCLLLRFADDTYTESYISTIGVDFKIRTIELDGKTIKIQ
IWDTAGQERFRTITSSYYRGAHGIIVVYDVTDQESFNNVKQWLQEIDRYASENVNKLKLVGNKCDLTTKKVVDYTTAKEF
ADSLGIPFLETSAKNATNVEQSFMTMAAEIKKRMGPGATAGGAEKSNVKIQSTPVKQSGGGCC

纯度: > 95% by HPLC

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

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.