

RAB4A, 1-218aa, Human, His tag, E.coli

Cat.NO.: TP03643

3th Edition

Synonyms:Ras-related protein Rab-4A, HRES-1/RAB4, RAB4

Description:RAB4A belongs to the small GTPase superfamily. RAB4A has been shown to interact with STX4, RAB11FIP1, RABEP1, CD2AP and KIF3B. Rab4 is also involved in the translocation of glucose transporter (Glu4) in adipocytes in response to insulin. Overexpression of Rab4 causes a redistribution of receptors on plasma membrane versus endocytic compartments.

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

Molecular Weight:26.5 kDa (238aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMSQTAMSETYDFLFKFLVIGNAGTGKSCLLHQFIEKKFKDDSNHTIGVEFGSKIINV
GGKYVKLQIWDTAGQERFRSVTRSYYRGAAGALLVYDITSRETYNALTNWLTARMLASQNIIVILCGNKKDLADR
EVTFLASRFAQENELMFLETSALTGENVEEAFVQCARKILNKIESGELDPERMGSGIQYGDAALRQLRSPRAQA
PNAQECGC

Purity:> 95% by HPLC

Concentration:1.0 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.