

RAB14, 1-215aa, Human, His tag, E.coli

Cat.NO.: TP03621

3th Edition

Synonyms:Ras-related protein Rab-14, FBP, RAB-14

Description:RAB14 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 is thought to be involved in vesicular trafficking and neurotransmitter release throughout the body and is expressed at high levels in brain, lung, kidney, spleen and thymus. It is involved in the biosynthetic/recycling pathway between the Golgi and endosomal compartments.

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

Molecular Weight:26.3 kDa(238aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMATAPYNYSYIFKYIIIGDMGVGKSCLLHQFTEKKFMADCPHTIGVEFGTRIIIE
VSGQKIKLQIWDTAGQERFRAVTRSYRGAAGALMVYDITRRSTYNHLSSWLTARNLTNPNTVIILIGNKADLEAQ
RDVTYEEAKQFAEENGLLFLEASAKTGENVEDAFLEAAKKIYQNIQDGSLLDLNAAESGVQHKPSAPQGGRLTSEPP
PQREGCGC

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.