

RAB11A, 1-213aa, Human, His tag, E.coli

Cat.NO.: TP03619

3th Edition

Synonyms:Ras-related protein Rab-11A, RAB11, YL8

Description:Ras-related protein Rab-11A, also known as RAB11A, belongs to the small GTPase superfamily, Rab family. It is associated with both constitutive and regulated secretory pathways, and may be involved in protein transport. RAB11A is a known marker for protein trafficking, sorting, and recycling in the endosomal pathway. Recombinant human RAB11A, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 1mM EDTA

Molecular Weight:28.1 kDa (249aa), confirmed by MALDI-TOF

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMTGRDDEYDYLFKVVLLIGDSGVGKSNLLSRFTRNEF
NLESKSTIGVEFATRSIQVDGKTIKAQIWDTAGQERYRAITSAYYRGAVGALLVYDIAKHLTYENVERWLKELRDHAD
SNIVIMLVGNKSDLRHLRAVPTDEARAFKNGLSFIETSALDSTNVEAAFQILTEIYRIVSQKQMSDRRENDMSPS
NNVPIHVPPTTENKPKVQCC

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.