Recombinant human RABL5/IFT22 protein

Catalog Number: ATGP2109

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-185aa

UniProt No.
Q9H7X7

NCBI Accession No.
NP_073614.1

Alternative Names
Intraflagellar transport 22, Intraflagellar transport protein 22 homolog, Rab-like protein 5, RAB member RAS oncogene family-like 5, FAP9, CFAP9

PRODUCT SPECIFICATION

Molecular Weight
23.2 kDa (208a) confirmed by MALDI-TOF

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

Purity
> 95% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
Rab-like protein 5 isoform a, also known as RABL5, is a member of the Ras superfamily of small GTP-binding proteins. The Ras-related superfamily of guanine nucleotide binding proteins includes the R-Ras, Rap, Ral/Rec and Rho/Rab subfamilies. Increasing data suggests an important role for Rab proteins in either endocytosis or in biosynthetic protein transport. The process of transporting newly synthesized proteins from the endoplasmic reticulum to various stacks of the Golgi complex and to secretory vesicles involves the movement of carrier

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vesicles and requires Rab protein function. Recombinant human RABL5 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

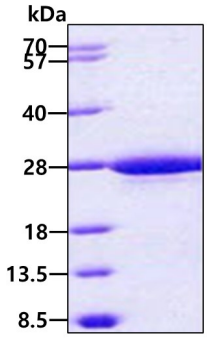
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General References

Adhiambo C., et al. (2009) J Cell Sci. 122:834-41

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.