

Recombinant human RAB11A protein

Catalog Number: ATGP0557

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-213aa

UniProt No.

P62491

NCBI Accession No.

NP_004654

Alternative Names

Ras-related protein Rab-11A, RAB11A member RAS oncogene family, Rab-11, YL8

PRODUCT SPECIFICATION

Molecular Weight

28.1 kDa (249aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 90% 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

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.

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Amino acid Sequence

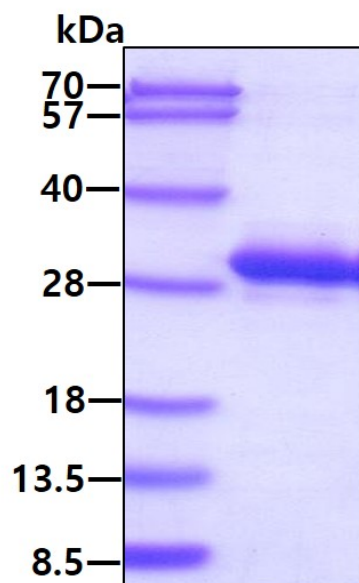
<MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGS>MGTR DDEYDYLFKV VLIGDSGVGK SNLLSRFTRN
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SNIVIMLVGN KSDLRHLRAV PTDEARAF AE KNGLSFIETS ALDSTNVEAA FQTILTEIYR IVSQKQMSDR RENDMSPSNN
VPIHVPPTT ENKPKVQCC

General References

Gromov PS., et al. (1998). FEBS Lett. 429(3):359-64.
Hales CM., et al. (2001) J Biol Chem. 276(42):39067-75

DATA

SDS-PAGE



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