

Recombinant human RAB22A protein

Catalog Number: ATGP1210

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-194aa

UniProt No.

Q9UL26

NCBI Accession No.

NP_065724

Alternative Names

Ras-related protein Rab-22A, RAB22, RAB22A member RAS oncogene family

PRODUCT SPECIFICATION

Molecular Weight

24 kDa (214aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 40% glycerol, 0.1M NaCl

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

RAB22A, also known as ras-related protein Rab-22A, is a member of the RAB family of small GTPases. The GTP-bound form of the encoded protein has been shown to interact with early-endosomal antigen 1, and may be involved in the trafficking of and interaction between endosomal compartments. Recombinant human RAB22A protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

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Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH> MALRELKVCL LGDTGVGKSS IVWRFVEDSF DPNINPTIGA SFMTKTVQYQ
NELHKFLIWD TAGQERFRAL APMYYRGSAA AIIVYDITKE ETFSTLKNWV KELRQHGPPN IVVAIAGNKC DLIDVREVME
RDAKDYADSI HAIFVETSAK NAININELFI EISRRIPSTD ANLPSGGKGF KLRRQPSEPK RSCC

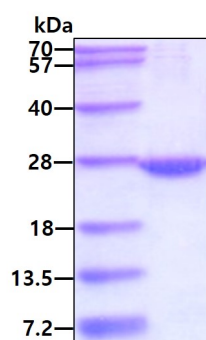
General References

Choudhary C., et al. (2009) Science. 325:843-840

Opdam F.J.M., et al. (2000) Eur. J. Cell Biol. 79:308-316

DATA

SDS-PAGE



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