

Recombinant human RAB8B protein

Catalog Number: ATGP2176

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-204aa

UniProt No.

Q92930

NCBI Accession No.

NP_057614

Alternative Names

RAB8B member RAS oncogene family, Ras-related protein Rab-8B

PRODUCT SPECIFICATION

Molecular Weight

25.7 kDa (227aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

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 proteins, like RAB8B, are low molecular mass monomeric GTPases that localize on the cytoplasmic surfaces of distinct membrane-bound organelles. RAB proteins function in intracellular vesicle transport by aiding in the docking and/or fusion of vesicles with their target membranes. Recombinant human RAB8B protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MAKTYDY LFKLLIGDS GVGKTCLLFR FSEDAFNNTF ISTIGIDFKI RTIELDGKKI

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KLQIWDTAGQ ERFRTITTAY YRGAMGIMLV YDITNEKSFN NIKNWIRNIE EHASSDVERM ILGNKCDMND KRQVSKERGE
KLAIDYGIKF LETSAKSSAN VEEAFFTLAR DIMTKLNRKM NDSNSAGAGG PVKITENRSK KTSFFRC

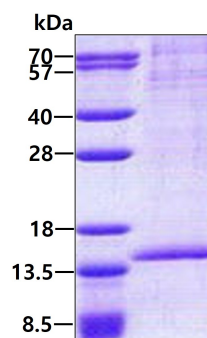
General References

Chen D., et al. (1997) *Biochim. Biophys. Acta.* 1355:1-6

Hattula K., et al. (2002) *Mol. Biol. Cell.* 13:3268-3280

DATA

SDS-PAGE



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