

AR50787PU-S

Human RAB10 (1-200, His-tag) - Purified

Alternate names:

Rab-10, Ras-related protein Rab-10

Quantity:

50 µg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

RAB10 is a member of the Ras superfamily of small GTP-binding proteins. This protein is a key regulator of endocytic recycling, especially in the basolateral recycling pathways of polarized epithelial cells. It is required for the recruitment of CNT-1 to endosomal membranes in the intestinal epithelium.

Uniprot ID:

[P61026](#)

NCBI:

[NP_057215](#)

GeneID:

[10890](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

Description:

Recombinant human RAB10 protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SSGLVPRGSH MAKPTYDLLF KLLIGDSGV GKTCVLFRRS DDAFNNTFFIS
TIGIDFKIKT VELQGKKIKL QIWDTAGQER FHTITTSYYR GAMGIMLVYD ITNGKSFENI
SKWLRNIDEH ANEDVERMLL GNKCDMDDKR VVPKGKGEQI AREHGIRFFE TSAKANINIE
KAFLTAEIDI LRKTPVKEPN SENVDISSGG GVTGWKSKCC

Molecular weight: 24.7 kDa (220aa)

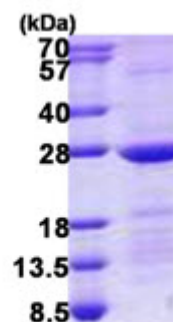
Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Chen Y. et al. (2012) J Cell Biol. 198:545-560. Sano H. et al. (2011) J Biol Chem. 286:16541-16545.

Pictures:



15% SDS-PAGE (3µg)