

Recombinant Full Length Human RAB10, His-tagged

Cat. No. RAB10-7263H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RAB10 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
description	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.
source	E. coli
species	Human
tag	His
form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
molecular mass	24.7 kDa(220aa)
aa sequence	MGSSHHHHHH SSGLVPRGSH MAKKTYDLLF KLLIGDSGV GKTCVLF RFS DDAFNTTFIS TIGIDFKIKT VELQGKKIKL QIWDTAGQERFHTITTSYYR GAMGIMLVYD ITNGKSFENI SKWLRNIDEH ANEDVERMLL GNKCDMDDKR

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	VVPKGKGEQI AREHGIRFFE TSAKANINIEKAFLTAEI LRKTPVKEPN SENVDISSGG GVTGWKSKCC
purity	>90% by SDS - PAGE
applications	SDS-PAGE
storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
concentration	0.5 mg/ml
GENE INFORMATION	
gene name	RAB10 RAB10 , member RAS oncogene family [Homo sapiens]
official symbol	RAB10
synonyms	RAB10 ; RAB10 , member RAS oncogene family; ras-related protein Rab-10; ras related GTP binding protein; GTP-binding protein RAB10 ; ras-related GTP-binding protein;
Gene ID	10890
mrna refseq	NM_016131
protein refseq	NP_057215
mim	612672
uniprot id	P61026

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chromosome location	2p23.3
function	GTP binding; nucleotide binding;