

AR50043PU-S

Human RAB35 / RAB1C (1-203, His-tag) - Purified

Alternate names:	GTP-binding protein RAY, RAY, Rab-1C, Rab-35, Ras-related protein Rab-1C, Ras-related protein Rab-35
Quantity:	50 µg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	RAB35, also known as ras-related protein Rab-35, is localized to the plasma membrane and endocytic compartments and controls a fast endocytic recycling pathway. Consistent with a key requirement for Rab35-regulated recycling during cell division, inhibition of Rab35 function leads to the accumulation of endocytic markers on numerous cytoplasmic vacuoles in cells that failed cytokinesis.
Uniprot ID:	Q15286
NCBI:	NP_006852.1
GeneID:	11021
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.15M NaCl, 1mM DTT
Description:	Recombinant human RAB35 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SSGLVPRGSH MARDYDHLFK LLIIGDSGVG KSSLLLRFAD NTFSGSYITT IGVDFKIRTV EINGEKVKLQ IWDTAGQERF RTITSTYYRG THGVIVVYDV TSAESFVNK RWLHEINQNC DDVCRILVGN KNDDPERKVV ETEDAYKFAG QMGIQLFETS AKENVNVEEM FNCITELVLR AKKDNLAKQQ QQQQNDVVKL TKNSKRKKRC C Molecular weight: 25.2 kDa (221aa), confirmed by MALDI-TOF
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:	Kouranti I., et al. (2006) Curr. Biol. 16:1719-1725 Marat A.L., et al. (2010) J. Biol. Chem. 285:10627-10637

Pictures:

