

AR50871PU-S

Human RAB5C (1-216, His-tag) - Purified

Alternate names:

RAB5L, RABL, Rab-5C, Ras-related protein Rab-5C

Quantity:

0.1 mg

Concentration:

1mg/ml (determined by Bradford assay)

Background:

Members of the Rab protein family are small GTPases of the Ras superfamily that are thought to ensure fidelity in the process of docking and/or fusion of vesicles with their correct acceptor compartment.

Uniprot ID:

[P51148](#)

NCBI:

[NP_004574](#)

GeneID:

[5878](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol

Description:

Recombinant human RAB5C protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SSGLVPRGSH MGSMAGRGA ARPNGPAAGN KICQFKLVLL GESAVGKSSL
VLRFBKGGFH EYQESTIGAA FLTQTVCLDD TTVKFEIWDT AGQERYHSLA PMYYRGAQAA
IVVYDITNTD TFARAKNWVK ELQRQASPNI VIALAGNKAD LASKRAVEFQ EAQAYADDNS
LLFMETSAKT AMNVNEIFMA IAKKLPKNEP QNATGAPGRN RGVDLQENNP ASRSQCCSN

Molecular weight: 25.9 kDa (239aa) 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:

Onodera,Y., et al. (2012) J. Cell Biol. 197 (7), 983-996 Merithew,E., et al. (2003) J. Biol. Chem. 278 (10), 8494-8500

Pictures:

