

AR50342PU-N

Human RAB31 / RAB22B (1-195, His-tag) - Purified

Alternate names:

Rab-22B, Rab-31, Ras-related protein Rab-22B, Ras-related protein Rab-31

Quantity:

0.5 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

RAB31, also known as RAB22B, is a 194 amino lipid-anchored protein that localizes to the cytoplasmic side of the cell membrane and belongs to the Ras-related GTPase superfamily. Expressed at high levels in lung, brain and heart, RAB31 may function in a similar manner to other Rab proteins, namely playing a role in protein transport.

Uniprot ID:

[Q13636](#)

NCBI:

[NP_006859](#)

GeneID:

[11031](#)

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 0.1M NaCl, 30% glycerol

Description:

Recombinant human RAB31 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMMMA IRELKVCLLG DTGVGKSSIV
CRFVQDHFHDH NISPTIGASF MTKTVPCGNE LHKFLIWDTA GQERFHS LAP MYRGSAAAV
IVYDITKQDS FYTLKKWVKE LKEHGPENIV MAIAGNKCDL SDIREVPLKD AKEYAESIGA
IVVETSAKNA INIEELFQGI SRQIPPLDPH ENGNGTIKV EKPTMQASRR CC

Molecular weight: 25.9 kDa (232aa), 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:

Rodriguez Gabin A G., et al. (2001) J Neurosci Res. 66:1149-1160. Lodhi I J., et al. (2007) Cell Metab. 5: 59-72.

Pictures:

