

AR50184PU-S**Human RAB2B (1-216, His-tag) - Purified****Alternate names:**

Rab-2B, Ras-related protein Rab-2B

Quantity:

0.1 mg

Concentration:

1 mg/ml (determined by Bradford)

Background:

Rab2B belongs to the small GTPase superfamily. Members of the Rab protein family are nontransforming monomeric GTP-binding proteins of the Ras superfamily that contain 4 highly conserved regions involved in GTP binding and hydrolysis. Rab proteins are prenylated, membrane-bound proteins involved in vesicular fusion and trafficking.

Uniprot ID:[Q8WUD1](#)**NCBI:**[NP_116235](#)**GeneID:**[84932](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >95% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 1mM DTT, 0.15M NaCl.**Description:**

Recombinant human RAB2B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSHTYAYL FKYIIIGDTG VGKSCLLQF TDKRFQPVHD
LTIGVEFGAR MVNIDGKQIK LQIWDTAGQE SFRSITRSYY RGAAGALLVY DITRRETFNH
LTSWLEDARQ HSSSNMVIML IGNKSDLESR RDVKREEGEA FAREHGLIFM ETSAKTACNV
EEAFINTAKE IYRKIQQLF DVHNEANGIK IGPQQSISTS VGPSASQRNS RDIGSNSGCC

Molecular weight: 26.8 kDa (240aa), 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:

Pfeffer SR., et al. (1992) Trends Cell Biol. 2(2):41-6. Torti M, et al. (1993) Proc Natl Acad Sci U S A. 90(16):7553-7.

Pictures:

