

# Product information

## RAB2B, 1-216 aa

Human, His-tagged, Recombinant, *E.coli*

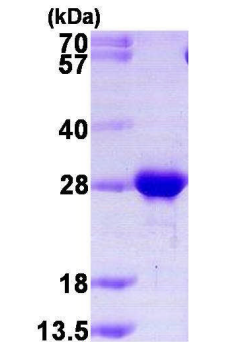
Cat. No. IBATGP1359

**Full name:** Ras-related protein Rab-2B.

**NCBI Accession No.:** NP\_116235

**Synonyms:** FLJ14824.

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

<p><b>Form:</b> Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 1mM DTT, 0.15M NaCl.</p> <p><b>Molecular Weight:</b> 26.8 kDa (240aa), confirmed by MALDI-TOF</p> <p><b>Purity:</b> &gt; 95% by SDS - PAGE</p> <p><b>Concentration:</b> 1 mg/ml (determined by Bradford)</p>	
<p><b>Sequences of amino acids:</b></p> <p>MGSSHHHHHH SSGLVPRGSH MGSHTYAYL FKYIIIGDTG VGKSCLLQF TDKRFQPVHD LTIGVEFGAR MVNIDGKQIK LQIWDTAGQE SFRSITRSYY RGAAGALLVY DITRRETFNH LSWLEDARQ HSSNMVIML IGKNSDLESR RDVKREEGEA FAREHGLIFM ETSAKTACNV EEAFINTAKE IYRKIQQLF DVHNEANGIK IGPQQSISTS VGPSASQRNS RDIGSNSGCC</p>	

### General references:

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.

**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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



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