

Recombinant Human RAB2B, His-tagged

Cat. No. RAB2B-30602TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RAB2B with N terminal His tag; 240 amino acids with tag, Predicted MWt 26.8 kDa.
Species	Human
Source	E.coli
ProteinLength	216 amino acids
Description	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; see MIM 179508.
Conjugation	HIS
Molecular Weight	26.800kDa inclusive of tags
Tissue specificity	Expressed in kidney, prostate, lung, liver, thymus, colon, pancreas, and skeletal muscle, and low levels in placenta. Not detected in heart, brain, spleen, testis, ovary, small intestine and leukocyte.
Form	Liquid
Purity	>95% by SDS-PAGE

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Storage buffer	pH: 8.00 Constituents: 0.32% Tris HCl, 10% Glycerol, 0.02% DTT, 0.88% Sodium chloride
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMGSHMTYAYLFKYIIIGDTG VGKSCLLQFTDKRFQ PVHDLTIGVEFGARMVNI DGKQIK LQIWDTAGQESFRSITRSYYRGAAGALLVYDITR RETFNH LSWLEDARQHSSSNMVIMLIGNKSDLESRRDVKREEGEA FAREHGLIFM ETSAKTACNVEEAFINTAKEIYRKIQQLF DVHNEANGIKIGPQQSISTSVGPSASQR NSRDIGSNSGCC
Sequence Similarities	Belongs to the small GTPase superfamily. Rab family.

GENE INFORMATION

Gene Name	RAB2B RAB2B, member RAS oncogene family [Homo sapiens]
Official Symbol	RAB2B
Synonyms	RAB2B; RAB2B, member RAS oncogene family; ras-related protein Rab-2B; FLJ14824;
Gene ID	84932
mRNA Refseq	NM_001163380
Protein Refseq	NP_001156852
MIM	607466

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Uniprot ID	Q8WUD1
Chromosome Location	14q11.1
Function	GTP binding; nucleotide binding;

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