

## Recombinant Human RAB2B, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human RAB2B with N terminal His tag; 240 amino acids with tag, Predicted MWt 26.8 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	216 amino acids
<b>Description</b>	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.
<b>Conjugation</b>	HIS
<b>Molecular Weight</b>	26.800kDa inclusive of tags
<b>Tissue specificity</b>	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.
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

## GENE INFORMATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Uniprot ID</b>	Q8WUD1
<b>Chromosome Location</b>	14q11.1
<b>Function</b>	GTP binding; nucleotide binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA