

Recombinant Human RCBTB1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RCBTB1-2406H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RCBTB1 MS Standard C13 and N15-labeled recombinant protein (NP_060661) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein with an N-terminal RCC1 domain and a C-terminal BTB (broad complex, tramtrack and bric-a-brac) domain. In rat, over-expression of this gene in vascular smooth muscle cells induced cellular hypertrophy. In rat, the C-terminus of RCBTB1 interacts with the angiotensin II receptor-1A. In humans, this gene maps to a region of chromosome 13q that is frequently deleted in B-cell chronic lymphocytic leukemia and other lymphoid malignancies.
Molecular Mass	58.1 kDa
AA Sequence	MVDVGKWPIFTLLSPQEIASIRKACVFGTSASEALYVTDNDEVFVFGNLNYSNCLGTG DNQSTLVPKKLEGLCGKKIKSLSYSGSPHVLLSTEDGVVYAWGHNGYSQLGNGTTN QGIAPVQVCTNLLIKQVVEVACGSHHSMALAADGEVFAWGYNNCGQVGSSTANQ PTPRKVTNCLHIKRVVGIACGQTSSMAVLNDEVYGWGYNGNGQLGLGNNGNQLT PVRVAALHSVCVNQIVCGYAHTLALTDEGLLYAWGANTYGQLGTGNKNLLSPAHI MVEKERVVEIAACHSAHTSAAKTQGGHVYMWGQCRGQSVILPHLTHFSCTDDVFA CFATPAVSWRLLSVEHEDFLTVAESLKKEFDSPETADLKFRIDGKYIHVHKAVLKIRC

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EHFRSMFQSYWNEDMKEVIEIDQFSYPVYRAFLQYLYTDTVDLPPEDAIGLLDLATS
YCENRLKKLCQHIIKRGITVENAFSLFSAAVRYDAEDLEEFCKFKCINHLTEVTQTAAF
WQMDGPLLKEFIAKASKCGAFKNTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name RCBTB1 RCC1 and BTB domain containing protein 1 [Homo sapiens (human)]

Official Symbol RCBTB1

Synonyms RCBTB1; regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 1; RCC1 and BTB domain-containing protein 1; CLLD7; CLLL7; FLJ10716; CLL deletion region gene 7 protein; GDP/GTP exchange factor (GEF)-like protein; chronic lymphocytic leukemia deletion region gene 7 protein; regulator of chromosome condensation and BTB domain-containing protein 1; GLP; MGC33184; RP11-185C18.1;

Gene ID 55213

mRNA Refseq NM_018191

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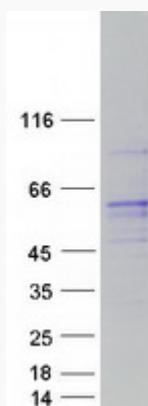
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Protein Refseq NP_060661

MIM 607867

UniProt ID Q8NDN9

SDS-PAGE



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