

Recombinant Human RCBTB2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RCBTB2-4005H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RCBTB2 MS Standard C13 and N15-labeled recombinant protein (NP_001259) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein containing two C-terminal BTB/POZ domains that is related to regulator of chromosome condensation (RCC). The encoded protein may act as a guanine nucleotide exchange factor. This gene is observed to be lost or underexpressed in prostate cancers. There is a pseudogene of this gene on chromosome 10. Alternative splicing results in multiple transcript variants.
Molecular Mass	60.3 kDa
AA Sequence	MEEELPLFSGDSGKPVQATLSSLKMLDVGKWPIFSLCSEELQLIRQACVFGSAGNE VLYTTVNDEIFVLGTNCCGCLGLGDVQSTIEPRRLDSLNGKKIACLSYGSGPHIVLAT TEGEVFTWGHNAYSQLGNGTTNHGLVPCHISTNLSNKQVIEVACGSYHSLVLTSDG EVFAWGYNNSGQVGSSTVNQPIPRRVGTCLQNKVVVTIACGQMCCMAVVDTEGEV YVWGYNGNGQLGLGNSGNQPTPCRVAALQGIRVQRVACGYAHTLVLTDEGQVYA WGANSYGQLGTGNKSNQSYPTPVTVEKDRIIEIAACHSTHTSAAKTQGGHVYMWG QCRGQSVILPHLTHFSCTDDVFACFATPAVTWRLLSVEPDDHLTVAESLKREFDNP TADLKFLVDGKYIYAHKVLLKIRCEHFRSSLEDNEDDIVEMSEFSYPVYRAFLEYLYT

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DSISLSPEEAVGLLDLATFYRENRLKKLCQQTIKQGICEENAIALLSAAVKYDAQDLEE
FCFRFCINHLTVVTQTSGFAEMDHDLLKNFISKASRVGAFKNTRTRPLEQKLISEEDL
AANDILDYKDDDDKV

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 RCBTB2 RCC1 and BTB domain containing protein 2 [Homo sapiens (human)]

Official Symbol RCBTB2

Synonyms RCBTB2; regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 2; CHC1L, chromosome condensation 1 like; RCC1 and BTB domain-containing protein 2; CHC1-L; RCC1-like G exchanging factor RLG; regulator of chromosome condensation and BTB domain containing protein 2; regulator of chromosome condensation and BTB domain-containing protein 2; CHC1L;

Gene ID 1102

mRNA Refseq NM_001268

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Protein Refseq NP_001259

MIM 603524

UniProt ID O95199

SDS-PAGE



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