Recombinant Human RCC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RCC1-1340H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RCC1 MS Standard C13 and N15-labeled recombinant protein (NP_001260) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	RCC1 (Regulator Of Chromosome Condensation 1) is a Protein Coding gene. Diseases associated with RCC1 include Raynaud Disease and Microcystic Meningioma. Among its related pathways are Cell cycle_Spindle assembly and chromosome separation and Transport of the SLBP independent Mature mRNA. Gene Ontology (GO) annotations related to this gene include chromatin binding and nucleosomal DNA binding. An important paralog of this gene is HERC1.
Molecular Mass	45 kDa
AA Sequence	MSPKRIAKRRSPPADAIPKSKKVKVSHRSHSTEPGLVLTLGQGDVGQLGLGENVME RKKPALVSIPEDVVQAEAGGMHTVCLSKSGQVYSFGCNDEGALGRDTSVEGSEMV PGKVELQEKVVQVSAGDSHTAALTDDGRVFLWGSFRDNNGVIGLLEPMKKSMVPV QVQLDVPVVKVASGNDHLVMLTADGDLYTLGCGEQGQLGRVPELFANRGGRQGLE RLLVPKCVMLKSRGSRGHVRFQDAFCGAYFTFAISHEGHVYGFGLSNYHQLGTPGT ESCFIPQNLTSFKNSTKSWVGFSGGQHHTVCMDSEGKAYSLGRAEYGRLGLGEGA EEKSIPTLISRLPAVSSVACGASVGYAVTKDGRVFAWGMGTNYQLGTGQDEDAWS

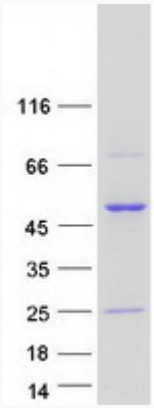
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	PVEMMGKQLENRVVLSVSSGGQHTVLLVKDKEQSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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	RCC1 regulator of chromosome condensation 1 [Homo sapiens (human)]
Official Symbol	RCC1
Synonyms	RCC1; regulator of chromosome condensation 1; CHC1, chromosome condensation 1; regulator of chromosome condensation; cell cycle regulatory protein; SNHG3-RCC1 readthrough transcript; guanine nucleotide-releasing protein; CHC1; RCC1-I; SNHG3-RCC1;
Gene ID	1104
mRNA Refseq	NM_001269
Protein Refseq	NP_001260

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MIM	179710
UniProt ID	P18754
SDS-PAGE	

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