Recombinant Full Length Human RCC1 Protein, C-Flag-tagged

Cat. No. RCC1-738HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RCC1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables several functions, including guanyl-nucleotide exchange factor activity; nucleosomal DNA binding activity; and protein heterodimerization activity. Involved in several processes, including G1/S transition of mitotic cell cycle; regulation of mitotic nuclear division; and spindle organization. Located in chromatin; cytoplasm; and nucleus. Part of protein-containing complex.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	44.8 kDa
AA Sequence	MSPKRIAKRRSPPADAIPKSKKVKVSHRSHSTEPGLVLTLGQGDVGQLGLGENVME RKKPALVSIPEDVV QAEAGGMHTVCLSKSGQVYSFGCNDEGALGRDTSVEGSEMV PGKVELQEKVVQVSAGDSHTAALTDDGRV FLWGSFRDNNGVIGLLEPMKKSMVPV QVQLDVPVVKVASGNDHLVMLTADGDLYTLGCGEQGQLGRVPEL FANRGGRQGL ERLLVPKCVMLKSRGSRGHVRFQDAFCGAYFTFAISHEGHVYGFGLSNYHQLGTPG TESC FIPQNLTSFKNSTKSWVGFSGGQHHTVCMDSEGKAYSLGRAEYGRLGLGEG AEEKSIPTLISRLPAVSSV ACGASVGYAVTKDGRVFAWGMGTNYQLGTGQDEDAW SPVEMMGKQLENRVVLSVSSGGQHTVLLVKDKEQ

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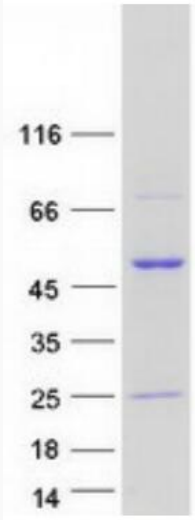
	STRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	RCC1 regulator of chromosome condensation 1 [Homo sapiens (human)]
Official Symbol	RCC1
Synonyms	CHC1; RCC1-I
Gene ID	1104
mRNA Refseq	NM_001269.6
Protein Refseq	NP_001260.1
MIM	179710

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UniProt ID	P18754



Coomassie blue staining of purified RCC1 protein.

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