

Recombinant Human RCC1 protein, GST-tagged

Cat. No. RCC1-2229H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RCC1 protein(1-421 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-421 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MSPKRIAKRRSPPADAIPKSKKVKSHRSHSTEPGLVLTGQGQDVGQLGLGENVME RKKPALVSIPEDVVQAEAGGMHTVCLSKSGQVYSFGCNDEGALGRDTSVEGSEMV PGKVELQEKVVQVSAGDSHTAALTDDGRVFLWGSFRDNNGVIGLLEPMKKSMVPV QVQLDVPVVKVASGNDHLVMLTADGDLYTLGCGEQGQLGRVPELFANRGGRQGLE RLLVPKCVMLKSRGSRGHVRFQDAFCGAYFTFAISHEGHVYGFGLSNYHQLGTPGT ESCFIPQNLTSFKNSTKSWVGFSGGQHHTVCMDSEGKAYSLGRAEYGRGLGEGA EEKSIPTLISRLPAVSSVACGASVGYAVTKDGRVFAWGMGTNYQLGTGQDEDAWS PVEMMGKQLENRVVLSVSSGGQHTVLLVKDKEQS

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Purity	90%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	RCC1 regulator of chromosome condensation 1 [Homo sapiens]
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-l; SNHG3-RCC1;
mRNA Refseq	NM_001048194
Protein Refseq	NP_001041659
MIM	179710
UniProt ID	P18754
Gene ID	1104

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SDS-PAGE



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