

## 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<sub>2</sub>HPO<sub>4</sub>, 17 mM NaH<sub>2</sub>PO<sub>4</sub>, 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**  
MSPKRIAKRRSPPADAIPKSKKVKVSHRSHSTEPGLVLTGLGQGDVGLGLGENVME  
RKKPALVSIPEDVVQAEAGGMHTVCLSKSGQVYSFGCNDEGALGRDTSVEGSEM  
PGKVELQEKKVQVSAGDSHTAALTDGGRVFLWGSFRDNNGVIGLLEPMKKSMPV  
QVQLDVPVVKVASGNDHLVMLTADGDLYTLGCGEQQLGRVPELFANRGGRRGLE  
RLLVPKCVMKSRGSRGHVRFQDAFCGAYFTFAISHEGHVYGFGLSNYHQLGTPGT  
ESCFIPQNLTSFKNSTKSWVGFSGGQHHTVCMDSEGKAYSLGRAEYGRGLGEGA  
EEKSIPTLISRLPAVSSVACGASVGYAVTKDGRVFAWGMGTNYQLGTGQDEDAWS  
PVEMMGKQLENRVVLSVSSGGQHTVLLVKDKEQS

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<b>Purity</b>	90%, by SDS-PAGE.
<b>Storage</b>	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.
<b>Reconstitution</b>	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

<b>Gene Name</b>	RCC1 regulator of chromosome condensation 1 [ Homo sapiens ]
<b>Official Symbol</b>	RCC1
<b>Synonyms</b>	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;
<b>mRNA Refseq</b>	NM_001048194
<b>Protein Refseq</b>	NP_001041659
<b>MIM</b>	179710
<b>UniProt ID</b>	P18754
<b>Gene ID</b>	1104

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SDS-PAGE



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