

Recombinant Human RGCC protein, His & T7-tagged

Cat. No. RGCC-1459H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RGCC aa. (Met1~Met137 (Accession # Q9H4X1)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Met137
Description	This gene is thought to regulate cell cycle progression. It is induced by p53 in response to DNA damage, or by sublytic levels of complement system proteins that result in activation of the cell cycle. The encoded protein localizes to the cytoplasm during interphase and to centrosomes during mitosis. The protein forms a complex with polo-like kinase 1. The protein also translocates to the nucleus in response to treatment with complement system proteins, and can associate with and increase the kinase activity of cell division cycle 2 protein. In different assays and cell types, overexpression of this protein has been shown to activate or suppress cell cycle progression.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)

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Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	4.6

GENE INFORMATION

Gene Name	RGCC regulator of cell cycle [Homo sapiens (human)]
Official Symbol	RGCC
Synonyms	RGCC; regulator of cell cycle; RGC32; RGC-32; C13orf15; bA157L14.2; regulator of cell cycle RGCC; response gene to complement 32 protein
Gene ID	28984
mRNA Refseq	NM_014059.2

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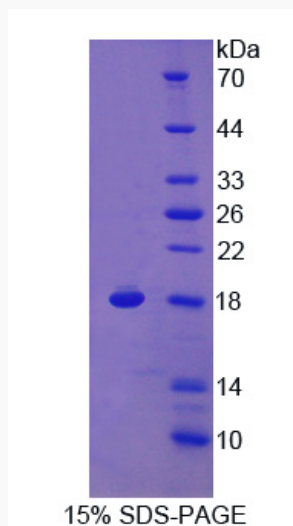
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Protein Refseq NP_054778.2

UniProt ID Q9H4X1

SDS-PAGE



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