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

Cat. No. RGCC-4496H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C13orf15 MS Standard C13 and N15-labeled recombinant protein (NP_054778) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	14.6 kDa
AA Sequence	MKQPAAQGSPAAAAAAAPALDSAAAEDLSDALCEFDAVLADFASPFHERHFHYEEH LERMKRRSSASVSDSSGFSDSESADSLYRNSFSFSDEKLNSPTDSTPALLSATVTP QKAKLGDTKELEAFIADLDKTLASMTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

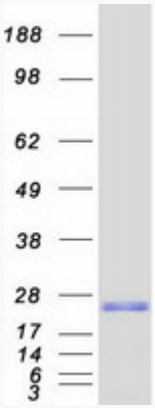
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	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
Protein Refseq	NP_054778
MIM	610077
UniProt ID	Q9H4X1

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SDS-PAGE	

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