

Recombinant Full Length Human CCNG2 Protein, GST-tagged

Cat. No. CCNG2-2975HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCNG2 full-length ORF (AAH32518, 1 a.a. - 344 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	344 amino acids
Description	The eukaryotic cell cycle is governed by cyclin-dependent protein kinases (CDKs) whose activities are regulated by cyclins and CDK inhibitors. The 8 species of cyclins reported in mammals, cyclins A through H, share a conserved amino acid sequence of about 90 residues called the cyclin box. The amino acid sequence of cyclin G is well conserved among mammals. The nucleotide sequence of cyclin G1 and cyclin G2 are 53% identical. Unlike cyclin G1, cyclin G2 contains a C-terminal PEST protein destabilization motif, suggesting that cyclin G2 expression is tightly regulated through the cell cycle. [provided by RefSeq, Jul 2008]
Molecular Mass	63.58 kDa
AA Sequence	MKDLGAEHLAGHEGVQLLGLLNIVYLEQEERFQPREKGLSLIEATPENDNTLCPGLR NAKVEDLRSLANFFGSCCTETFLAVNILDRLALMKVKPKHLSCIGVCSFLLAARIVEE DCNIPSTHDVIRISQCKCTASDIKRMKEIISEKLHYELEATTALNFLHLYHTIILCHTSER KEILSLDKLEAQLKACNCRLIFSKAKPSVLALCLLNLEVETLKSVELLEILLLVKKHHSKIN DTEFFYWRELVSCKLAEYSSPECCKPDLKKLVWIVSRRTAQNLHNSYYSVPELPTIP

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EGGCFDESESSVAQAGVQWPDLSFQPPPTRFKRFSCLSLRSSWDYSSWT

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

CCNG2 cyclin G2 [Homo sapiens]

Official Symbol

CCNG2

Synonyms

CCNG2; cyclin G2; cyclin-G2;

Gene ID

901

mRNA Refseq

NM_004354

Protein Refseq

NP_004345

MIM

603203

UniProt ID

Q16589

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