

Recombinant Human CCNG2 Protein, GST-Tagged

Cat. No. CCNG2-0671H **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	Wheat Germ
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	MKDLGAEHLAGHEGVQLLGLLNVYLEQEERFQPREKGLSLIEATPENDNTLCPGLR NAKVEDLRSLANFFGSCCTETFLAVNILDRFLALMKVKPKHLSCIGVCSFLAARIVEE DCNIPSTHDVIRISQCKCTASDIKRMKEIISEKLHYELEATTALNFLHLYHTIILCHTSE KEILSLDKLEAQLKACNCRLIFSKAKPSVLALCLLNLEVETLKSVELLEILLVKKH SKIN DTEFFYWRELVSKCLAEYSSPECCKPDLKKLVWIVSRRTAQNLHNSYYSVPELPTIP EGGCFDESESSVAQAGVQWPDLSFQPPPTRFKRFSCLSLRSSWDYSSWT

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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

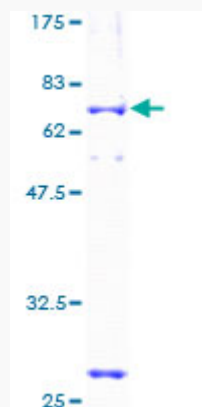
Gene Name	CCNG2 cyclin G2 [Homo sapiens]
Official Symbol	CCNG2
Synonyms	CCNG2; cyclin G2; cyclin-G2;
Gene ID	901
mRNA Refseq	NM_004354
Protein Refseq	NP_004345
MIM	603203
UniProt ID	Q16589

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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