

# Recombinant Full Length Human CCNG1 Protein

**Cat. No.** CCNG1-53HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant full length Human Cyclin G with N terminal proprietary tag; Predicted MWt 58.52 kDa inclusive of tag.                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 295 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | The eukaryotic cell cycle is governed by cyclin-dependent protein kinases (CDKs) whose activities are regulated by cyclins and CDK inhibitors. The protein encoded by this gene is a member of the cyclin family and contains the cyclin box. The encoded protein lacks the protein destabilizing (PEST) sequence that is present in other family members. Transcriptional activation of this gene can be induced by tumor protein p53. Two transcript variants encoding the same protein have been identified for this gene. |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 58.520kDa inclusive of tags                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MIEVLTTTDS QKLLHQLNAL LEQESRCQPK VCGLRLIESA HDNGLRMTAR<br>LRDFEVKDLL SLTQFFGFD TETSLAVNLL DRFLSKMKVQ PKHLGCVGLS<br>CFYLAVKSIE EERNVPLATD LIRISQYRFT VSDLMRMEKI VLEKVCWKVK<br>ATTAFQFLQL YYSLLQENLP LERRNSINFE RLEAQLKACH CRIIFSKAKP                                                                                                                                                                                                                                                                                           |

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SVLALSIIAL EIQAQKCVEL TEGIECLQKH SKINGRDLTF WQELVSKCLT  
EYSSNKCSKP NVQKLKWIVS GRTARQLKHS YYRITHLPTI PEMVP

**Purity** Proprietary Purification

**Storage** Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

**Storage Buffer** pH: 8.00. Constituents: 0.3% Glutathione, 0.79% Tris HCl.

## GENE INFORMATION

**Gene Name** CCNG1 cyclin G1 [ Homo sapiens ]

**Official Symbol** CCNG1

**Synonyms** CCNG1; cyclin G1; CCNG; cyclin-G1

**Gene ID** 900

**mRNA Refseq** NM\_004060

**Protein Refseq** NP\_004051

**MIM** 601578

**UniProt ID** P51959

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