Recombinant Full Length Human CCNG1 Protein, GST-tagged

Cat. No. CCNG1-2974HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCNG1 full-length ORF (NP_004051.1, 1 a.a. - 295 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	295 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 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. [provided by RefSeq, Jul 2008]
Molecular Mass	60.5 kDa
AA Sequence	MIEVLTTTDSQKLLHQLNALLEQESRCQPKVCGLRLIESAHDNGLRMTARLRDFEVK DLLSLTQFFGFDTETFSLAVNLLDRFLSKMKVQPKHLGCVGLSCFYLAVKSIEEERNV PLATDLIRISQYRFTVSDLMRMEKIVLEKVCWKVKATTAFQFLQLYYSLLQENLPLER RNSINFERLEAQLKACHCRIIFSKAKPSVLALSIIALEIQAQKCVELTEGIECLQKHSKIN GRDLTFWQELVSKCLTEYSSNKCSKPNVQKLKWIVSGRTARQLKHSYYRITHLPTIP EMVP

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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	CCNG1 cyclin G1 [Homo sapiens]
Official Symbol	CCNG1
Synonyms	CCNG1; cyclin G1; CCNG; cyclin-G1; cyclin-G;
Gene ID	900
mRNA Refseq	NM_004060
Protein Refseq	NP_004051
MIM	601578
UniProt ID	P51959

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