

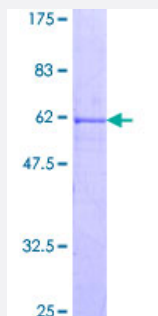
Full-Length

CCNG1 (Human) Recombinant Protein (P01)

Catalog # H00000900-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CCNG1 full-length ORF (NP_004051.1, 1 a.a. - 295 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MIEVLTTTDSQKLLHQLNALLEQESRCQPKVCGLRLIESAHDNGLRMTARLRDFEVKDLLSLTQFF
GFDTETFSLAVNLLDRFLSKMKVQPKHLGCVGLSCFYLA VKSIEEERNVPLATDLIRISQYRFTVSD
LMRMEKIVLEKVCWKVKATTAFQFLQLYSSLQENLPLERRNSINFERLEAQLKACHCRIIFSKAKP
SVLALSIIALEIQAQKCVELTEGIECLQKHSKINGRDLTFWQELVSKCLTEYSSNKCSKPNVQKLKW
IVSGRTARQLKHSYYRITHLPTIPEMVP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

60.5

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

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

Note

Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — CCNG1

Entrez GeneID [900](#)

GeneBank Accession# [NM_004060.3](#)

Protein Accession# [NP_004051.1](#)

Gene Name CCNG1

Gene Alias CCNG

Gene Description cyclin G1

Omim ID [601578](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations -

Pathway

- [p53 signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)