

---

## Product Data Sheet

---

Product Name: CCNG1 Human  
 Cat. No.: GP22989  
 Batch No.: 1

### Product Data

|                     |   |                    |                         |
|---------------------|---|--------------------|-------------------------|
| Purity              | >98%  | Source             | Escherichia Coli.       |
| Physical Appearance | solid   | Shipping Condition | Shipped with Ice Packs. |
| Synonyms            | Cyclin-G1; Cyclin-G; CCNG1; CCNG; CYCG1.  |                    |                         |
| Amino Acid Sequence | MGSSHHHHHH SGLVPRGSH MIEVLTTTDS QKLLHQLNAL LEQESRCQPK<br>VCGLRLIESA HDNGLRMTAR LRDFEVKDLL SLTQFFGFDT ETFSLAVNLL<br>DRFLSKMKVQ PKHLGCVGLS CFYLAVKSIE EERNVPLATD LIRISQYRFT<br>VSDLMRMEKI VLEKVCWKVK ATTAQFLQL YYSLLQENLP LERRNSINFE<br>RLEAQLKACH CRIIFSKAKP SVLALSIIAL EIQAQKCVEL TEGIECLQKH<br>SKINGRDLTF WQELVSKCLT EYSSNKCSKP NVQKLKWIVS GRTARQLKHS<br>YYRITHLPTI PEMVP. |                    |                         |
| Formulation         | CCNG1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 50% glycerol, 0.2M NaCl and 5mM DTT.  |                    |                         |

### Introduction

Cyclin-G1 (CCNG1) belongs to the cyclin family and contains the cyclin box. CCNG1 may have a part in growth regulation and is associated with G2/M phase arrest in response to DNA damage. CCNG1 may be an intermediate by which p53 mediates its role as an inhibitor of cellular proliferation. The CCNG1 protein lacks the protein destabilizing (PEST) sequence which is present in other family members.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

CCNG1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 315 amino acids (1-295 a.a.) and having a molecular mass of 36.2kDa.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

---

## Product Data Sheet

---

CCNG1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

***Caution: Product has not been fully validated for medical applications. For research use only.***

***Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com***

***Address: 10292 Central Ave. #205, Montclair, CA, USA***