

**CCNG1, 1-295aa, Human, His tag, E.coli**

**Cat.NO.: TP01475**

3th Edition

**Synonyms:**Cyclin-G1, CCNG, CYCG1.

**Description:**CCNG1, also known as cyclin-G1, is a member of the cyclin family and contains the cyclin box. It may play a role in growth regulation and be associated with G2/M phase arrest in response to DNA damage. It may be an intermediate by which p53 mediates its role as an inhibitor of cellular proliferation.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 5mM DTT

**Molecular Weight:**36.2 kDa (315aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMIEVLTTTDSQKLLHQLNALLEQESRCQPKVCGLRLIESAHDNGLRMTARLRDFE  
VKDLLSLTQFFGFDTEFSLAVNLLDRFLSKMKVQPKHLGCVGLSCFYLA VKSIEEERNVPLATDLIRISQYRFTVSDL  
MRMEKIVLEKVCWKVKATTAFLQLLYSLLQENLPLERRNSINFERLEAQLKACHCRIIFSKAKPSVLALSIIALEIQA  
QKCVELTEGIECLQKHSKINGRDLTFWQELVSKCLTEYSSNKCSKPNVQKLKWIVSGRTARQLKHSYYRITHLPTIP  
EMVP

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.