

## OriGene Technologies, Inc.

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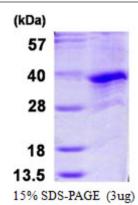
## AR50156PU-N Human Cyclin G1 (1-295, His-tag) - Purified

Alternate names:	CCNG, CCNG1, CYCG1, Cyclin-G, Cyclin-G1
Quantity:	0.25 mg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	<u>P51959</u>
NCBI:	<u>NP_954854.1</u>
GenelD:	<u>900</u>
Species:	Human
Source:	E. coli
Format:	<b>State:</b> Liquid purified protein <b>Purity:</b> >85% by SDS - PAGE <b>Buffer System:</b> 20 mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 5mM DTT
Description:	Recombinant human CCNG1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. <b>AA Sequence:</b> MGSSHHHHHH SSGLVPRGSH MIEVLTTTDS QKLLHQLNAL LEQESRCQPK VCGLRLIESA HDNGLRMTAR LRDFEVKDLL SLTQFFGFDT ETFSLAVNLL DRFLSKMKVQ PKHLGCVGLS CFYLAVKSIE EERNVPLATD LIRISQYRFT VSDLMRMEKI VLEKVCWKVK ATTAFQFLQL YYSLLQENLP LERRNSINFE RLEAQLKACH CRIIFSKAKP SVLALSIIAL EIQAQKCVEL TEGIECLQKH SKINGRDLTF WQELVSKCLT EYSSNKCSKP NVQKLKWIVS GRTARQLKHS YYRITHLPTI PEMVP <b>Molecular weight: 36.2 kDa (315aa) confirmed by MALDI-TOF</b>
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Horne M.C., et al. (1996) J. Biol. Chem. 271:6050-6061Bates S.A., et al. (1996) Oncogene. 13:1103-1109

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**Pictures:** 



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