

AR50156PU-S**Human Cyclin G1 (1-295, His-tag) - Purified**

Alternate names:	CCNG, CCNG1, CYCG1, Cyclin-G, Cyclin-G1
Quantity:	50 µg
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:	P51959
NCBI:	NP_954854.1
GeneID:	900
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 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. AA Sequence: MGSSHHHHH SSGLVPRGSH MIEVLTTTDS QKLLHQLNAL LEQESRCQPK VCGLRLIESA HDNGLRMTAR LRDFEVKDLL SLTQFFGFDT ETFSLAVNLL DRFLSKMKVQ PKHLGCVGLS CFYLAVKSIE EERNVPLATD LIRISQYRFT VSDLRMEKI VLEKVCWKVK ATTAFLQLQL YSSLQENLP LERRNSINFE RLEAQLKACH CRIIFSKAKP SVLALSIAL EIQAQKCVEL TEGIECLQKH SKINGRDLTF WQELVSKCLT EYSSNKCSKP NVQKLKWIWS GRTARQLKHS YYRITHLPTI PEMVP Molecular weight: 36.2 kDa (315aa) confirmed by MALDI-TOF
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. 271:6050-6061 Bates S.A., et al. (1996) Oncogene. 13:1103-1109

Pictures:

