



Catalog Number: PR27282

Product Type: Recombinant Protein

Source: E. Coli

Amino Acid Sequence: MGSSHHHHHH SGLVPRGSH MIEVLTTTDS QKLLHQLNAL LEQESRCQPK VCGLRLIESA HDNGLRMTAR LRDFEVKDLL SLTQFFGFDT ETFSLAVNLL DRFLSKMKVQ PKHLGCVGLS CFYLAVKSIE EERNVPLATD LIRISQYRFT VSDLRMEKI VLEKVCWKVK ATTAQFLQL YYSLLQENLF LERRNSINFE RLEAQLKACH CRIIFSKAKP SVLALSIAL EIQAQKCVEL TEGIECLQKH SKINGRDLTF WQELVSKCLT EYSSNKCSKP NVQKLKWIWS GRTARQLKHS YYRITHLPTI PEMVP.

Description/Molecular Mass: 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.

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.

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

Purity: Greater than 85.0% as determined by:
(a) Analysis by SDS-PAGE.

Format: CCNG1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 50% glycerol, 0.2M NaCl and 5mM DTT.

Storage: 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.

FOR RESEARCH USE ONLY

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