

CCNG1 Human

Description: 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.

Catalog #: PRPS-1012

For research use only.

Synonyms: Cyclin-G1, Cyclin-G, CCNG1, CCNG, CYCG1.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MIEVLTTTDS QKLLHQLNAL
LEQESRCQPK VCGLRLIESA HDNGLRMTAR LRDFEVKDLL SLTQFFGFDT ETFSLAVNLL
DRFLSKMKVQ PKHLGCVGLS CFYLAVKSIE EERNVPLATD LIRISQYRFT VSDLRMEKI
VLEKVCWKVK ATTAFQFLQL YYSLLQENLP LERRNSINFE RLEAQLKACH CRIIFSKAKP
SVLALSIIAL EI

Purity: Greater than 85% as determined by SDS-PAGE.

Formulation:

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

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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