

Recombinant Human CCNI, His-tagged

Cat. No. CCNI-2277H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CCNI protein, fused to His-tag at N-terminus, was expressed in E.coli .
Species	Human
Source	E.coli
ProteinLength	400aa
Description	CCNI belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin shows the highest similarity with cyclin G. The transcript of this gene was found to be expressed constantly during cell cycle progression. The function of this cyclin has not yet been determined.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Molecular Mass	44.9kDa
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMKFPGPL ENQRLSFLLE KAITREAQMW KVNVRKMPSN QNVSPSQRDE VIQWLAKLKY QFNLYPETFALASSLLDRFL ATVKAHPKYL SCIAISCFFL AAKTVEEDER IPV LKVLARD SFCGCSSEI LRMERIILDK LNWDLHTATP LDFLHIFHAI AVSTRPQLLF SLPKLSPSQH

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LAVLTQQLH CMACNQLLQF RGSMLALAMV SLEMEKLIPD WLSLTIELLQ
 KAQMDSSQLI HCRELVAHHLSTLQSSLPLN SVYVYRPLKH TLVTCDKGVF
 RLHPSSVPGP DFSKDNSKPE VPVRGTAAFY HHLPAASGCK QTSTKRKVEE
 MEVDDFYDGI KRLYNEDNVS ENVGSVCGTD LSRQEGHASP CPPLQPV SVM

Purity >85% by SDS - PAGE

Applications SDS-PAGE

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.

Concentration 1.0 mg/ml

GENE INFORMATION

Gene Name CCNI cyclin I [Homo sapiens]

Official Symbol CCNI

Synonyms CCNI; cyclin I; cyclin-I; cyclin ITI; CYI; CYC1;

Gene ID 10983

mRNA Refseq NM_006835

Protein Refseq NP_006826

UniProt ID Q14094

Chromosome Location 4q21.1

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