

Recombinant human CCNI protein

Catalog Number: ATGP2277

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-377aa

UniProt No.

Q14094

NCBI Accession No.

NP_006826

Alternative Names

Cyclin-I, CYC1, CYI

PRODUCT SPECIFICATION

Molecular Weight

44.9 kDa (400aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. Recombinant human CCNI protein, fused to His-tag at N-terminus, was expressed in E. coli

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Amino acid Sequence

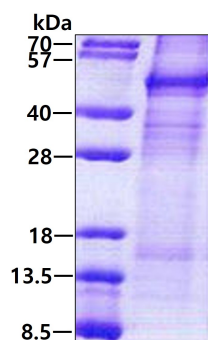
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VIQWLAKLKY QFNLYPETFA LASSLLDRFL ATVKAHPKYL SCIAISCFEL AAKTVEEDER IPVVKVLARD SFCGCSSEI
LRMERIILDK LNWDLHTATP LDFLHIFHAI AVSTRPQLLF SLPKLSPSQH LAVLTKQLLH CMACNQLLQF RGSMLALAMV
SLEMEKLIPD WSLTIELLQ KAQMDSSQLI HCRELVAHHL STLQSSLPLN SVYVYRPLKH TLVTCDKGVF RLHPSSVPGP
DFSKDNSKPE VPVRGTAAFY HHLPAASGCK QTSTKRKVEE MEVDDFYDGI KRLYNEDNVS ENVGSVCGTD LSRQEGHASP
CPPLQPVSV

General References

Nakamura T., et al. (1995). Exp. Cell Res. 221:534-542

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.