

AR51101PU-S

Human Cyclin I (1-377, His-tag) - Purified

Alternate names:

CCNI

Quantity:

0.1 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

CCN1 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 CCN1 protein, fused to His-tag at N-terminus, was expressed in E.coli

Uniprot ID:

[Q14094](#)

NCBI:

[NP_006826](#)

GeneID:

[10983](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

Description:

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMKFPGPL ENQRLSFLLE KAITREAGMW KVNVRKMPSN
QNVSPSRDE VIQWLAKLKY QFNLYPETFA LASSLLDRFL ATVKAHPKYL SCIAISCFLL
AAKTVEEDER IPVLKVLARD SFCGCSSEI LRMERIILDK LNWDLHTATP LDFLHIFHAI
AVSTRPQLLF SLPKLSPSQH LAVLTKQLLH CMACNQLLQF RGSMLALAMV SLEMEKLIPD
WLSLTIELLQ KQMDSSQLI HCRELVAHHL STLQSSLPLN SVYVYRPLKH TLVTCDKGVF
RLHPSSVPGP DFSKDNSKPE VPVRGTAAFY HHLPAASGCK QTSTKRKVEE MEVDDFYDGI
KRLYNEDNVS ENVGSVCGTD LSRQEGHASP CPPLQPVSVM

Molecular weight: 44.9 kDa (400aa)

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:

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

Pictures:

