

Product information

CCNI, 1-377aa

Human, His-tagged, Recombinant, *E.coli*

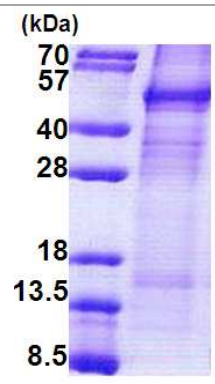
Cat. No. IBATGP2277

Full name: Cyclin-I

NCBI Accession No.: NP_006826

Synonyms: CCNI1, CYC1, CYI

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*.

<p>Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea</p> <p>Molecular Weight: 44.9kDa (400aa)</p> <p>Purity: > 85% by SDS - PAGE</p> <p>Concentration: 1mg/ml (determined by Bradford assay)</p>	 <p>(kDa)</p> <p>70</p> <p>57</p> <p>40</p> <p>28</p> <p>18</p> <p>13.5</p> <p>8.5</p> <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p>MGSSHHHHH SSGLVPRGSH MGSMKFPGPL ENQRSLFLE KAITREAQMW KVNVRKMPSN QNVSPQRDE VIQWLAKLKY QFNLYPETFA LASSLLDRFL ATVKAHPKYL SCIAISCFLL AAKTVEEDER IPVLKVLARD SFCGCSSEI LRMERI ILDK LNWLHTATP LDFLHFHAI AVSTRPQLLF SLPKLSPSQH LAVLTKQLLH CMACNQLLQF RGSMLALAMV SLEMEKLI PD WLSLTIELLQ KAQMDSQLI HCRELVAHHL STLQSSLPLN SVVYRPLKH TLVTCDKGVF RLHPSSVPGP DFSKDNSKPE VPVRGTAAFY HHLPAASGCK QTSTKRKVEE MEVDDFYDGI KRLYNEDNVS ENVGSVCGTD LSRQEGHASP CPPLQPV SVM</p>	

General references:

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

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.