

Recombinant Human Cyclin I, T7-tagged

Cat. No. CCNI-1530H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CCNI (aa. 1-377) produced in <i>E.coli</i> is a 43.4 kDa protein. It was fused to T7 tag at N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-377 a.a.
Description	This protein 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 the gene was found to be expressed constantly during cell cycle progression. The function of this cyclin has not yet been determined.
Purity	95%.
Preparation	0.1mg/0.5 ml.
Tested Application	E, WB, MS.
Buffer	10 mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN ₃ , 10mM DTT.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Species Reactivity n/aH.

Storage

Store at -70°C with any protein, exposing CCNI recombinant protein to repeated freeze/thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.

GENE INFORMATION

Gene Name CCNI cyclin I [Homo sapiens]

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

Gene ID 10983

mRNA Refseq NM_006835

Protein Refseq NP_006826

UniProt ID Q14094

Chromosome Location 4q21.1

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