

Recombinant Full Length Human CCNI Protein, GST-tagged

Cat. No. CCNI-2977HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CCNI full-length ORF (AAH00420, 1 a.a. - 377 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	377 amino acids
Description	The protein encoded by this gene 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. [provided by RefSeq, Jan 2017]
Molecular Mass	67.21 kDa
AA Sequence	MKFPGPLENQRLSFLLEKAITREAQMWKVNVVRKMPSNQNVSQRSRDEVIQWLAKLK YQFNLYPETFALASSLLDRFLATVKAHPKYLSCIAISCFFLAAKTVEEDERIPVLKVLAR DSFCGCSSEILRMERIILDKLNWDLHTATPLDFLHIFHAIIVSTRPQLLFSLPKLSPS QH LAVLTKQLLHCMACNQLLQFRGSM LALAMVSLEMEKLIPDWLSLTIELLQKAQMD SSQLIHCRELV AHHLSTLQSSLPLNSVYVYRPLKHTLVTCDKGVFRLHPSSVPGPDF SKDNSKPEVPVRGTA AFYHHLPAASGCKQTSTKRKVEEMEVD DFYDGIKRLYNEDN

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VSENVGSVCGTDLRSRQEGHASPCPPLQPVSVM

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

MIM

618783

UniProt ID

Q14094

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