Recombinant Human CCNI Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. CCNI-419H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CCNI MS Standard C13 and N15-labeled recombinant protein (NP_006826) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	42.6 kDa
AA Sequence	MKFPGPLENQRLSFLLEKAITREAQMWKVNVRKMPSNQNVSPSQRDEVIQWLAKLK YQFNLYPETFALASSLLDRFLATVKAHPKYLSCIAISCFFLAAKTVEEDERIPVLKVLAR DSFCGCSSSEILRMERIILDKLNWDLHTATPLDFLHIFHAIAVSTRPQLLFSLPKLSPS QHLAVLTKQLLHCMACNQLLQFRGSMLALAMVSLEMEKLIPDWLSLTIELLQKAQMD SSQLIHCRELVAHHLSTLQSSLPLNSVYVYRPLKHTLVTCDKGVFRLHPSSVPGPDF SKDNSKPEVPVRGTAAFYHHLPAASGCKQTSTKRKVEEMEVDDFYDGIKRLYNEDN

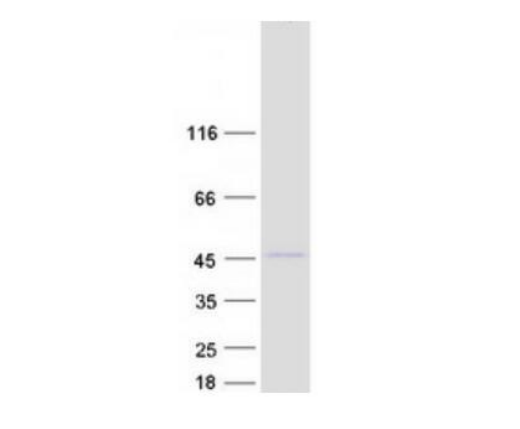
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	VSENVGSVCGTDLSRQEGHASPCPPLQPVSVMTRTRPLEQKLISEEDLAANDILDYK DDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CCNI cyclin I [Homo sapiens (human)]
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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SDS-PAGE	

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