

Product datasheet for **TP301186**

Cyclin (CCNI) (NM_006835) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cyclin I (CCNI), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201186 protein sequence Red =Cloning site Green =Tags(s)

MKFPGPLENQRLSFLLEKAITREMQMWKVNVRKMPNQNVSQRDEVIQWLAKLKYQFNLYPETFALAS
SLLDRFLATVKAHPKYLSCIAISCFFLAAKTVEEDERIPVLKVLARDSFCGCSSEILRMERIILDKLNW
DLHTATPLDFLHIFHAI VSTRPQLLFSPLKSPSQHLAVLTKQLLHMACNQLLQFRGSM LALAMVSLE
MEKLIPDWLSLTIELLQKAQMDSSQLIHCRELVAHHLSTLQSSPLNSVYVYRPLKHTLVTCDKGVFRLH
PSSVPGPDFSKDNSKPEVPVRGBTAAFYHHLPAASGCKQTSTKRKVEEMEVDFFYDGIKRLYNEDNSEN
GSCGTDLSRQEGHASPCLPQPVSVM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	42.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_006826
Locus ID:	10983



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UniProt ID: [Q14094](#), [A0A024RDH0](#)

RefSeq Size: 1890

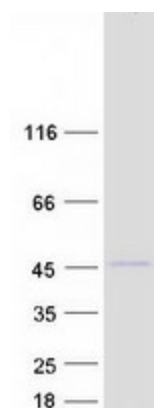
Cytogenetics: 4q21.1

RefSeq ORF: 1131

Synonyms: CCNI1; CYC1; CY1

Summary: 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]

Product images:



Coomassie blue staining of purified CCNI protein (Cat# TP301186). The protein was produced from HEK293T cells transfected with CCNI cDNA clone (Cat# [RC201186]) using MegaTran 2.0 (Cat# [TT210002]).