

## Product datasheet for TP301186M

### Cyclin (CCNI) (NM\_006835) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human cyclin I (CCNI), 100 µg         |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC201186 protein sequence<br>Red=Cloning site Green=Tags(s) |

MKFPGPLENQRLSFLLEKAITREMQMWKVNVRKMPNQNVSQRDEVIQWLAKLKYQFNLYPETFALAS  
SLLDRFLATVKAHPKYLSCIAISCFFLAAKTVEEDERIPVLKVLARDSFCGCSSEILRMERIILDKLNW  
DLHTATPLDFLHIFHAI VSTRPQLLFSLPKLSPSQHLAVLTKQLLHMACNQLLQFRGSM LALAMVSLE  
MEKLI PDWLSLTIELLQKAQMDSSQLIHCRELVAHHLSTLQSSPLNSVYVYRPLKHTLVTC DKGVFRLH  
PSSVPGPDFSKDNSKPEVPV RGTAAFYHHLPAASGCKQTSTKRKVEEMEVD DFYDGIKRLYNEDN VSENV  
GSCVGTDL SRQEGHASP CPPLQPVSVM

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:        | <u><a href="#">NP_006826</a></u>   |
| Locus ID:      | 10983  |



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

RefSeq Size: 1890

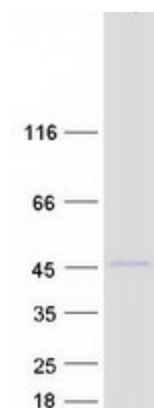
Cytogenetics: 4q21.1

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]).