

# Recombinant Full Length Human CCNK Protein, Flag-tagged

Cat. No. CCNK-2979H Lot. No. (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human CCNK protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | HEK293   |
| <b>ProteinLength</b>    | 1-354 a.a.   |
| <b>Description</b>      | The protein encoded by this gene is a member of the transcription cyclin family. These cyclins may regulate transcription through their association with and activation of cyclin-dependent kinases (CDK) that phosphorylate the C-terminal domain (CTD) of the large subunit of RNA polymerase II. This gene product may play a dual role in regulating CDK and RNA polymerase II activities. |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.  |
| <b>Molecular Mass</b>   | 64.1 kDa   |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method   |

## GENE INFORMATION

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|                        |                                |
|------------------------|--------------------------------|
| <b>Gene Name</b>       | CCNK cyclin K [ Homo sapiens ] |
| <b>Official Symbol</b> | CCNK                           |
| <b>Synonyms</b>        | CPR4                           |
| <b>Gene ID</b>         | 8812                           |
| <b>mRNA Refseq</b>     | NM_001099402                   |
| <b>Protein Refseq</b>  | NP_001092872                   |
| <b>MIM</b>             | 603544                         |
| <b>UniProt ID</b>      | O75909                         |

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