

## Recombinant Human CMPK1 Protein, MYC/DDK-tagged

Cat. No. CMPK1-3274H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human CMPK1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.

**Species** Human

**Source** HEK293

**Description** This gene encodes one of the enzymes required for cellular nucleic acid biosynthesis. This enzyme catalyzes the transfer of a phosphate group from ATP to CMP, UMP, or dCMP, to form the corresponding diphosphate nucleotide. Alternate splicing results in both coding and non-coding transcript variants.

**Form** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

**Molecular Mass** 25.7 kDa

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Concentration** >50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

**Gene Name** CMPK1 cytidine monophosphate (UMP-CMP) kinase 1, cytosolic [ Homo sapiens ]

**Official Symbol** CMPK1

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|                       |                                    |
|-----------------------|------------------------------------|
| <b>Synonyms</b>       | CK; CMK; CMPK; UMK; UMP-CMPK; UMPK |
| <b>Gene ID</b>        | <a href="#">51727</a>              |
| <b>mRNA Refseq</b>    | <a href="#">NM_001136140</a>       |
| <b>Protein Refseq</b> | <a href="#">NP_001129612</a>       |
| <b>MIM</b>            | <a href="#">191710</a>             |
| <b>UniProt ID</b>     | <a href="#">P30085</a>             |

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