

Recombinant Human CMPK1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CMPK1-833H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CMPK1 MS Standard C13 and N15-labeled recombinant protein (NP_057392) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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.
Molecular Mass	26 kDa
AA Sequence	<p> MLSRCRSRLLHVLGLSFLLQTRRPILLCSPRLMKPLVVFVLGGPGAGKGTQCARIVE KYGYTHLSAGELLRDERKNPDSQYGELIEKYIKEGKIVPEITISLLKREMDQTMAAN AQKNKFLIDGFPRNQDNLQGWNKTMKGKADVSFVLFFDCNNEICIERCLERGGKSSG RSDDNRESLEKRIQTYLQSTKPIIDL YEEMGKVKKIDASKSVDEVFDEVVQIFDKEGT RTRPLEQKLISEEDLAANDILDYKDDDDKV </p>
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.

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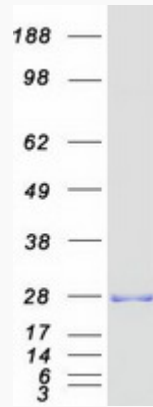
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	CMPK1 cytidine/uridine monophosphate kinase 1 [Homo sapiens (human)]
Official Symbol	CMPK1
Synonyms	CMPK1; cytidine monophosphate (UMP-CMP) kinase 1, cytosolic; CMPK, cytidylate kinase; UMP-CMP kinase; Cytidine monophosphate kinase; UMP CMP kinase; UMP CMPK; UMP/CMP kinase; cytidylate kinase; deoxycytidylate kinase; uridine monophosphate kinase; uridine monophosphate/cytidine monophosphate kinase; CMK; UMK; CMPK; UMPK; UMP-CMPK; RP11-511I2.1;
Gene ID	51727
mRNA Refseq	NM_016308
Protein Refseq	NP_057392
MIM	191710
UniProt ID	P30085

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SDS-PAGE



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