

## Product datasheet for PH318794

### CMPK2 (NM\_207315) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CMPK2 MS Standard C13 and N15-labeled recombinant protein (NP_997198)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218794
Predicted MW:	49.3 kDa
Protein Sequence:	>RC218794 representing NM_207315 Red=Cloning site Green=Tags(s)

MAFARRLLRGPLSGPLLGRGVCAGAMAPRRFVLELPDCTLAHFALGADAPGDADAPDPRLAALLGPPE  
RSYSLCVPVTPDAGCGARVRAARLHQRLHQRRGPFQRCQLLRLLCYCPGGQAGGAQQGFLLRDPLDDP  
DTRQALLELLGACQEAPRPHLGEFEADPRGQLWQRLWEVQDGRRLQVGCQVVPVPEPPLHPVVPDLPS  
VVFDPREAAARAVLEECTSFIPEARAVLDLVDQCPKIQKGFQVVAIEGLDATGKTTVTQSVADSLKAVL  
LKSPSPSCIGQWRKIFDDEPTIIRRAFYSLGNYIVASEIAKESAKSPVIVDRYWHSTATYAIATEVSGGLQ  
HLPPAHHPVYQWPEDLLKPDILLLTVSPEERLQRLQGRGMEKTREEAELEANSVFRQKVEMSYQRMENP  
GCHVVDASPSREKVLQTVLSLIQNSFSEP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_997198</a>
RefSeq Size:	3009
RefSeq ORF:	1347
Synonyms:	NDK; TMPK2; TYKi; UMP-CMPK2



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Locus ID: 129607

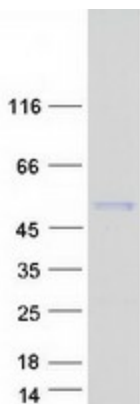
UniProt ID: [Q5EBM0](#)

Cytogenetics: 2p25.2

Summary: This gene encodes one of the enzymes in the nucleotide synthesis salvage pathway that may participate in terminal differentiation of monocytic cells. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2012]

Protein Pathways: Metabolic pathways, Pyrimidine metabolism

### Product images:



Coomassie blue staining of purified CMPK2 protein (Cat# [TP318794]). The protein was produced from HEK293T cells transfected with CMPK2 cDNA clone (Cat# [RC218794]) using MegaTran 2.0 (Cat# [TT210002]).