

Recombinant Full Length Human CMPK2 Protein, C-Flag-tagged

Cat. No. CMPK2-1008HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CMPK2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	49.3 kDa
AA Sequence	MAFARRLLRGPLSGPLLGRRGVCAGAMAPRRFVLELPDCTLAHFALGADAPGDAD APDPRLAALLGPPE RSYSLCVPVTPDAGCGARVRAARLHQRLHQLRRGPFQRCQ LLRLLCYCPGGQAGGAQQGFLLRDPLDDP DTRQALLELLGACQEAPRPHLGEFEA DPRGQLWQRLWEVQDGRRLQVGCAQVVPVPEPPLHPVVPDLSS VVFPDREAAR AVLEECTSFIPEARAVLDLVDQCPKQIQKGKFQVVAIEGLDATGKTTVTQSVADSLKA VL LKSPSPSCIGQWRKIFDDEPTIIRRAFYSLGNYIVASEIAKESAKSPVIVDRYWHSTA TYAIADEVSGGLQ HLPPAHPVYQWPEDLLKPDLLLLTVSPEERLQRLQGRGMEKT REEAELEANSVFRQKVEMSYQRMENP GCHVVDASPSREKVLQTVLSLIQNSFSEPTRTRPLEQKLISEEDLAANDILDYKDDDD

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	KV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Metabolic pathways, Pyrimidine metabolism
Full Length	Full L.

GENE INFORMATION

Gene Name	CMPK2 cytidine/uridine monophosphate kinase 2 [Homo sapiens (human)]
Official Symbol	CMPK2
Synonyms	NDK; TYKi; TMPK2; UMP-CMPK2
Gene ID	129607
mRNA Refseq	NM_207315.4
Protein Refseq	NP_997198.2

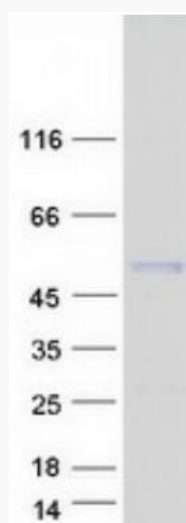
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MIM 611787

UniProt ID Q5EBM0



Coomassie blue staining of purified CMPK2 protein.

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