

**CMPK2-cytidine monophosphate (UMP-CMP) kinase 2, mitochondrial Gene**

Reference: PTXBC141802

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	UMP-CMPK2; NDK; TMPK2; TYKi; UMP-CMP kinase 2, mitochondrial; UMP/CMP kinase; cytidine monophosphate (UMP-CMP) kinase 2, mitochondrial; cytidylate kinase 2; mitochondrial UMP-CMP kinase; nucleoside-diphosphate kinase; thymidine monophosphate kinase 2; thy		

For research use only.

---

<b>GENE DESCRIPTION</b>	cytidine monophosphate (UMP-CMP) kinase 2, mitochondrial
<b>GENE ID</b>	129607
<b>ORIGIN SPECIES</b>	Human
<b>ACCESSIONS</b>	BC141802
<b>VECTOR</b>	pDONR233
<b>NCBI SYMBOL</b>	CMPK2
<b>LENGTH</b>	1230 bp
<b>SEQUENCE PRIMERS</b>	Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG

**ORF (Only for reference, product provided without STOP codon )**

```
atggccttcgccgcccggctcctgcgcgggccaactgfcggggccgctcctcggggcggcggggtctgcgctggggccatggctcccgccgcccgttcctcctggagcttcccgaactgcacctggctcacttggcctaaggccgacgccccggcgacgcagacgccccg
acccccgctggcggcgctgctggggccccggagcgcagctactcgtgctgctgcccgtgaccccggacgcccggctgcggggcccgggtccggggcgcgcggctgcaccagcgctgtgeacagctgcgccgccccctccagcgggtccagctgctcagctgctct
gctactgccccggcggccaggccggcggcgcacagcaaggctcctcctgctgcgcgacccccctggatgacctgacaccccggcaagcgcctgctcgaactgctggcgccctgccaggagcaccacgccccgactggggcagctcaggccgacccggcggccagctgctgca
cgctctgggaggtgcaagacggcaggcggctgcaaggctgctgcacaggtcgtcccgtcccggagccccgctgcacccggfgggtgccagactggccagttccgtgggtctcccggaccgggaagccgccccggcggtttggaggaggtgtacctcttattcctgaaagccc
gggeagtgctgacctggtcaccagtgcccaaaacagatccagaaaaggaaagtccagggtgtccatcgaaggaactggatgccacgggtaaaaccacggtgaccagtcagtgccagatcactaaaggctgctcctctaaagtcaccaccttgcattggccaagtgaagaagat
ctttgatgatgaaccaactatcattagaaagcttttactctttggcaattattgtggcctccgaaatagctaaaagaatctccaaatctcctgtgattgtagacaggtaactggcacagcacggccacctatgccatagccactgaggtgagtgggggtctccagcacctgccccagcccc
tcacctgtgtaccagtgccagagacctgctcaaacctgacctatcctgctcactgtgagctcctgaggaagggttcgacagggctgcaggggccggggcatggagaaaccaggggaagagcagaactgaggccaacaggtgtttcgtcaaaaagtag
```