

Product datasheet for **MR210564**

Cpt1b (NM_009948) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpt1b (NM_009948) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cpt1b
Synonyms:	Cpt1; Cpt1-m; Cpti; Cpti-m; M-cpti
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR210564 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGAAGCACACCAGGCAGTAGCTTCCAGTTCAGTGTGACCCAGACGGGGTCGACTTCCGGCTTA
 GTCGGGAGGCTCTGAGACACATCTACCTGTCTGGAATCAACTCCTGGAAGAAACGCCTTATTGAAATCAA
 GAATGGCATCCTTAGGGGTGTGTACCCTGGCAGCCCCACCAGCTGGCTGGTTGTTGTCATGGCAACAGTT
 GGTTCAACTACTGCAAGGTGGACATCTCCATGGGACTGGTGCATTGCATCCAGAGATGCCTCCCGGAAA
 GGTATGGCCACTTTGGACCCACAGACAGAGGCATTCTCAGCATGGTTCATCTTCTCCACCGGAGTCTG
 GGCGACAGGCATTTTCTTCCGACAAACCTTGAAGTGTCTCTCTACCACGGGTGGATGTTGAG
 ATGCACAGCAAGACCAGCCATGCCACCAAGATCTGGGCTATCTGTGTCCGTCTCTGTCCAGCCGGCGGC
 CCATGCTCTACAGCTTCCAAACGTCAGTGCCTAAGCTTCTGTCCCAGCGTCCAGCCACAATTCACCG
 GTACTTGGATTCTGTGCGGCCCTTATTGGATGATGAAGCATATTACCGCATGGAGACATTGGCCAAGGAA
 TTCCAGGACAAGACTGCCCCAGGCTGCAGAAATACCTGGTGCTCAAGTCATGGTGGGCAACTAATATG
 TGAGTGACTGGTGGGAAGAATATGTCTACCTCCGAAGCAGGAGCCCCCTCATGGTGAACAGCAACTATTA
 TGCCATGGATTTTGTGCTTATTAAGAACACAAATGTGCAAGCAGCCCGTCTAGGCAATGCCGTTACGCC
 ATGATCATGTATCGCCGCAAACTGGACCGTGAAGAGATCAAGCCGGTTCATGGCACTGGGTATGGTCCCA
 TGTGCTCTACCAGATGGAGAGGATGTTCAACACTACACGCATCCCAGGCAAAGAGACAGACTTGTACA
 GCACCTCTCAGAGAGCAGGCACGTGGCTGTCTACCACAAAGTTCGCTTCTCAAGGTCTGGCTCTATGAG
 GGCTCGCGCTGCTCAAGCCCCGAGACCTGGAGATGCAGTTCAGAGAATCCTCGACGACCTTCCCCAC
 CTCAGCCTGGGGAGGAGAAGCTGGCAGCCCTCACCGCAGGAGGAAGGGTAGAGTGGGAGGACAGGCACCA
 GACCTTCTCAGCTCTGGCAAGAACAAGATGTCTCTGGACGCCATCGAAGGTGCTGCTTTCTTGTGACC
 CTGGATGAAGATTCTCATTGCTACAACCTGACGATGAGACCAGTCTTAGCCTCTACGGCAAAGCCTTGC
 TCCATGGCAACTGCTATAACAGGTGGTTTGACAAATCTTTCACCTTATCTCTGCAAGAATGGCCTGTT
 AGGCCTCAACACCGAACACTCGTGGCAGACGCGCCCATATTGGGCACCTCTGGGAGTTTGTCTGGGC
 ACTGATACCTTTACCTGGGCTACACGGAGACAGGACACTGTGTGGGTGAGCCAAACACCACGTTGCCAC
 CCCCTCAGCGGCTGCCGTGGGACATTCCCAGCAGTCCCGGGAAGCCATCGAGAACTCGTACCAAGTAGC
 CAAGGCACTGGCCGATGACGTGGAGCTCTACTGCTTCCAGTCTTACCCTTTGGCAAAGGTCTTATCAAG
 AAGTGTAGGACCAGCCCCGACGCTTTTGTGAGATTGCCCTACAGCTGGCTCATTTCGGGACAAAGGCA
 AGTTCTGCCTGACTTACGAGGCCTCGATGACAAGAATGTTCCGAGAGGGCGGACTGAGACTGTGCGTTC
 CTGTACCAACGAGTCCGACGCTTTGTGCAAGGCCATGATGAAGGGGTCCCATAAAGAAACAAGACCTCCAA
 GATCTCTTCCGGAAAGCCTCCGAAAAGCACAAAACATGTACCGCTAGCCATGACAGGGGCTGGGATCG
 ACCGGCACCTCTTCTGCCTTACATCGTCTCCAAGTACTAGGAGTTAGCTCTCCTTTCTGGCTGAGGT
 ACTTTCTGAACCTGGAGCCTCTCCACCAGCCAGATCCCCAGTTCAGATCTGCATGTTTGACCCAAA
 CAGTATCCCAATCATCTGGGTGCTGGAGGTGGCTTTGGTCCCCTGGCGGATGATGGCTACGGGGTCTCTT
 ACATGATCGCAGGAGAAAAACCCATGTTCTTCCACATCTCCAGCAAATACTCAAGTTCAGAGACGAAACGC
 CCAGCGCTTTGGGAACCCATCCGCCAAGCACTGTTGGACATCGCCGAACCTTTCAAATTTCCAAGACA
 GACAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR210564 protein sequence
Red=Cloning site Green=Tags(s)

MAEAHQAVAFQFTVTPDGVDFRLSREALRHIYLSGINSWKKRLIRIKNGILRGVYPGSPTSWLVVVMATV
GSNYCKVDISMGLVDCIQRCLPERYGHFGTPQTEALLSMVIFSTGVWATGIFFFRQTLKLLL SYHGWMFE
MHSKTSHATKIWAICVRLLSSRRPMLYSFQTSLPKLPVPSVPATIHRYLDSVRPLLDDEAYYRMETLAKE
FQDKTAPRLQKYLVLKSWWATNYVSDWEEYVYLRSRSPMLVNSNYAMDFVLIKNTNVQAARLGNVHA
MIMYRRKLDREEIKPVMALGMVPMCSYQMERMFNTTRIPGKETDLLQHLSESRHVAVYHKGRFFKVWLYE
GSRLKPRDLEMQFQRILDDPSPQPGEKLAALTAGGRVEWAEARQTFSSGKNKMSLDAIERAAFFVT
LDEDSHCYNPDDETSLSLYGKALLHGNCYNRWFDSFTLISCKNGLLGLNTEHSWADAPIIGHLWEFVLG
TDTFHLGYTETGHCVGEPNTTLPQPQLPWDIPEQCREAIENSYQAKALADDVELYCFQFLPFQGLIK
KCRTSPDAFVQIALQLAHRDKGKFCLEYEASMRMFREGRTETVRCTNESAAFVQAMMKGSHKKQDLQ
DLFRKASEKHQNMRYLAMTGAGIDRHLFCLYIVSKYLGVSSPFLAEVLSEPWLSLTSQIPQFQICMFDPK
QYPNHLGAGGGFPGVADDGYGVSYMIAGENTMFFHISSKYSSENAQRFGNHIRQALLDIAELFKISK
DS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_009948.1](#), [NM_009948.2](#), [NP_034078.1](#), [NP_034078.2](#)

RefSeq Size: 2894 bp

RefSeq ORF: 2319 bp

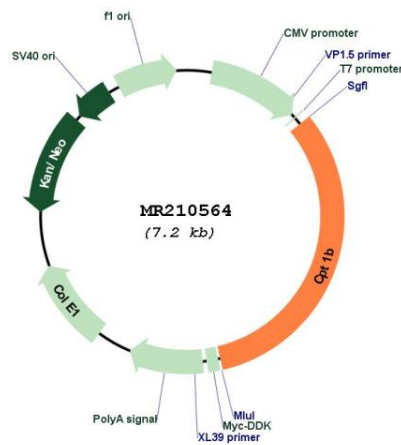
Locus ID: 12895

UniProt ID: [Q924X2](#)

Cytogenetics: 15 44.89 cM

MW: 88.2 kDa

Product images:



Circular map for MR210564