

Product datasheet for **RC200484A1V**

Human CPT2 (NM_000098) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CPT2 (NM_000098) AAV Particle
Tag:	Myc-DDK
Symbol:	CPT2
Synonyms:	CPT1; CPTASE; IIAE4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200484 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGTGCCCCGCTGCTGCTGCGCGCCTGGCCCCGGGGCCCCGCGGTTGGTCCGGGAGCCCCAGTCGGC
CCCTCAGCGCCGCTCCGGGCCCGGCCAGTACCTGCAGCGCAGCATCGTGCCACCATGCACTACCAGGA
CAGCCTGCCAGGCTGCCTATTCCTAACTTGAAGACACCATAGGAGATACCTCAGTGACAGAAAGCCT
CTCTTGAATGATGGCAGTTCAGGAAAACAGAACAATTTGCAAGAGTTTGAAGATGGGATTGGAAG
AACTGCATGAGCAGCTGGTTGCTCTGGACAAACAGAATAAACATACAAGCTACATTTGGGACCTGGTT
TGATATGTACCTATCTGCTCGAGACTCCGTTGTTCTGAACCTTAATCCATTTATGGCTTCAATCCTGAC
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TCTTCACTGATGACAAGGCCAGACACCTCCTGGTCTTAAGGAAAGGAAATTTTATATCTTTGATGTCCT
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AGAAGCTGATGAGTAGTGGCAATGAGGAGAGCCTGAGGAAAGTGGACTCGGCAGTGTTCTGTCTGCTGCT
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CACTCCACAGAGCCAGCCAGCTACCACTGACTCTACTGTACGGTGCAGAACTCAACTTCGAGCTGACT
GATGCCTTAAAGACTGGCATCACAGCTGCTAAGGAAAAGTTTGATGCCACCATGAAAACCTCACTATTG
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CCAGCTGGCATTCCAGATGGCCTTCTGCGGCAGTACGGGCAGACAGTGGCCACCTACGAGTCTGTAGC
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GTACCATGGCCAGCTGACCAAGAAGCAGCAATGGGCCAGGGCTTTGACCGACACTTGTGCTCTGCGG
CATCTGGCAGCAGCCAAAGGATCATCTTGCCTGAGCTCTACCTGGACCTGCATACGGGCAGATAAACC
ACAATGTCTGTCCACGAGCACACTGAGCAGCCAGCAGTGAACCTTGGGGGCTTTGCCCTGTGGTCTC
TGATGGCTTTGGTGTGGTATGCTGTTTATGACAACCTGGATAGGCTGCAATGTCTCTTCTACCCAGGC
CGCAATGCCCGGGAGTTTCTCAATGTGTGGAGAAGGCCTTAGAAGACGTGTTTGATGCCTTAGAAGGCA
AATCCATCAAAAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200484 protein sequence Red=Cloning site Green=Tags(s) MVPRLLLRAWPRGPAVGPGAPSRPLSAGSGPGQYLQRSIVPTMHYQDSLPRLPPIPKLEDTIRRYLSAQKP LLNDGQFRKTEQFCKSFENGIGKELHEQLVALDKQNKHTSYILGPWFDMYLSARDSVVLNFPFMAFNP PKSEYNDQLTRATNMTVSAIRFLKTLRAGLLEPEVFHNLNPAKSDTITFKRLIRFVPSSLWYGAYLVNAY PLDMSQYFRLFNSTRLPKPSRDELFTDDKARHLLVLRKGNFYIFDVLDDQGNIVSPSEIQAHLKYILSDS SPAPEFPLAYLTSENRIWAELRQKLMSSGNEESLRKVDSAVFCLCLDDFPIKDLVHLSHNMLHGDGTNR WFDKSFNLIIAKDGSTAIHFEHSWGDGVAFLRFNEVFKDSTQTPAVTPQSQPATTDSTVTQKLNFLT DALKTGITAAKEKFDATMKTLTIDCVQFQGGKEFLKKQKLSDDAVAQLAFQMAFLRQYGQTVATYESCS TAAFKHGRTEIRPASVYTKRCSEAFVREPSRHSAGELQMMVECSKYHGQLTKEAAMGQGFDRHLFALR HLAAAGIILPELYLDPAYGQINHNVLSTLSSPAVNLLGGFAPVVSDFGVGYAVHDNWIGCNVSSYPG RNAREFLQCVEKALEDVFDALLEGKSIKS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000098
ORF Size:	1974 bp
Buffer:	PBS with 0.001% Pluronic F5072
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_000098.1</u>
RefSeq Size:	3110 bp
RefSeq ORF:	1977 bp
Locus ID:	1376
UniProt ID:	<u>P23786</u>
Cytogenetics:	1p32.3
MW:	73.8 kDa