

Human COX10 (NM_001303) AAV Particle

Product Type:	AAV Particles
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Tag: Myc-DDK

Symbol: COX10

Synonyms: MC4DN3

Mammalian Cell	None
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Selection:

Vector: pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC200624 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCGCATCTCCGACACTCTCTCCTCAGCCCTCCTGACAGGTTGCGTAGGAGGCTCTGTCTGGTATCTTGAAGAAGAACTATACAGGACTCCCCTCACAAGTCTTACATCTTCTCAGGAATGTCAATAAGCAGTGATTACATTTCAGCACTTTAGCTTCTCTCAAACGCATGTATGTCACACAGCTGAACAGAAGCCACAACCAGCAAGTAAGACCCAAGCCAGAACCAGTAGCATCTCCTTTCTTGAAAAAACATCTTCAGGTCAAGCCAAAGCAGAAATATATGAGATGAGACCTCTCTCACCGCCAGCCTATCTTTGTCGAGAAAGCCAATGAAAAGGAATTGATAGAAGTAGAGCCAGACTCAGTAATTGAAGACTCAATAGATGTAGGGAAGAGACAAAAGAGGAAAGCGGTGGAAAGAGATGAAGCTCAGAGTGATGATTTGCCAGGAATTTGGCTCAACTATCCAAATCAACTCACAGCTAGTGTGTAAGTACCAGTCAGCTGGATTTGTCATTTGGCTCCGGGCCCTTTTGACTGCCCTGTTTCTCTGCTTACTTCTGTTGGGACAGGCCCTTGCATCTGCTGCCAACTCCATCAATCAGTTTTTTGAGGTGCCATTTGACTCAAACATGAATAGGACAAGAACAGACCCTGGTTCGTGGACAGATCAGCCCGTGTCTAGCTGTGCTCTTTGCCACTTGTGTGCTGTTCCGGGAGTGCCATTCTGACCTTGGGGTGATCCACTCAGGAGCCCTGGGGCTCTTCAACATTTTCTGTATACCTGCTGCTACACACCACTGAAAAGGATCAGCATTGCCAACACATGGGTTCGAGCTGTGGTGGGGCCATCCCGCTGTCTATGGGTGGACAGCGGCCACGGGACAGCTCGATGCTGGCGCATTTCTCTGGGAGGAATCCTCTACTCCTGGCAGTTTCTCATTTCAA

CGCCCTGAGCTGGGGCCTCCGTGAAGACTACTCCCGGGGGCGCTACTGCATGATGTCGGTCACCCACCCGGGCTGTGCGCGCGTGGCGCTGCGCCACTGCTGCCCCTGCTCGTGTGCTCCGACAGCCCGCTGTGCTGGACATCACCACATGGACCTTCCCCATGATGCCCTTCCCCATCAATGCTACATCTCTACCTCGGCTTCCGCTTCTACGTGGACGCAGACGAGGAGCTCGCGGAGACTGTTCTTCTGACGCCTGTGGCACTGGCCCTGCTGCTGCTGCTCATGCTCACTGCAAGCGGCCGAGCGGAGGCGGGGACGAGGGGCCCTCCCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC200624 protein sequence Red=Cloning site Green=Tags(s) MAASPHLTSSRLLTGCVGGSVWYLERRTIQDSPHKFLHLLRNVNKQWITFQHFSFLKRMVYTQLNRSHNQ QVRPKPEPVASPFLEKTSSGQAKAEIYEMRPLSPPSLSLSRKPNEKELIELEPDSVIEDSIDVGKETKEE KRWKEMKLQVYDLPGILAQLSKIKLTALVVSTTAAGFALAPGPFDWPCFLLTSVGTGLASCAANSINQFF EVPFDSNMNRTKNRPLVRGQISPLLAVSFATCCAVPGVAILTLGVNPLTGALGLFNIFLYTCCYTPLKRI SIANTWVGAVVGAIPPVMGWTAAATGSLDAGAFLLGGILYSWQFPHFNALSWGLREDYSRGGYCMMSVTHP GLCRRVALRHCLALLVLSAAAPVLDITTWTFPIMALPINAYISYLGFRFYVDADRRSSRRLLFFCSLWHLPL LLLLMLTCKRPSGGDAGPPPS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001303
ORF Size:	1329 bp
Buffer:	PBS with 0.001% Pluronic F68
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_001303.2</u>
RefSeq Size:	3016 bp
RefSeq ORF:	1332 bp
Locus ID:	1352
UniProt ID:	<u>Q12887</u>
Cytogenetics:	17p12
MW:	48.9 kDa