

Product datasheet for **RC208278A1V**

Human ACOX2 (NM_003500) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACOX2 (NM_003500) AAV Particle
Tag:	Myc-DDK
Symbol:	ACOX2
Synonyms:	BCOX; BRCACOX; BRCOX; CBAS6; THCCox
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC208278 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCAGCCAGTGCACCGAGTGTCTTTGGGGGATACCTGGAGCAGGCAAATGCACCCGACATAGAGA
 GCGAGAGGTATATGCAGTCCTTTGACGTGGAACGGCTACCAACATCCTTGATGGAGGTGCCAGAACAC
 TGCACTCCGCAGGAAAGTTGAGAGCATCATCCACAGTTACCCGGAGTTTAGCTGTAAGGACAATTATTTT
 ATGACCCAGAATGAGCGTTATAAGGCTGCCATGCGGAGGGCATTCCACATCCGGTTGATAGCTCGGCGCC
 TGGGTTGGTTAGAAGATGGTCTGAATTAGGCTACGCTTACAGAGCCCTTTCTGGAGACGTGGCCTTAA
 TATACACAGAGTCTTCTGAGAGCCCTCAGGAGCCTGGGCTCAGAGGAGCAGATTGCCAAATGGGACCCA
 CTCTGCAAAAACATCCAGATCATCGAACGTATGCACAGACAGAGTTGGGACATGGGACATATCTTCAGG
 GCCTGGAGACTGAAGCCACCTATGACGCAGCCACCCAGGAGTTTGTGATACACAGCCCCACGCTGACTGC
 CACCAAATGGTGGCCTGGAGACTTGGGACGGTCAGCCACCCATGCCCTGGTCCAGGCCACGCTGATCTGC
 TCAGGAGCCAGGCGGGCATGCACGCTTTTATTGTGCCAATCCGGAGTCTTCAGGACCACACCCCACTGC
 CAGGAATCATCATTGGGGACATCGGACCCAAGATGGACTTTGATCAAACAGACAATGGCTTCCTGCAGCT
 GAACCATGTGCGGGTCCCCAGGGAGAACATGCTGAGTCGCTTTGCACAGGTCTTGCCAGATGGCACCCTAC
 GTCAAACCTCGGTACAGCACAGAGCAACTACCTTCCCATGGTGGTGGTGGCGGTGGAGCTGCTGTCAAGGG
 AGATCCTCCCTATACTGCAGAAGGCCTGTGTATCGCCATGCGCTACTCGGTATCCGCCGCCAATCCCG
 GCTCCGGCCAGTGACCCAGAGGCAAAGGTCTGGACTACCAGACACAACAGCAGAACTCTTTCCTCAG
 CTGGCCATCAGTTATGCCTTCCATTTCTGGCAGTCAGCCTCTTGGAGTTCTTCAGCACTCTACACTG
 CCATTCTGAACCAAGACTTCAGCTTCTGCCTGAGCTCCACGCACTGAGCAGGGCATGAAGGCCATGAT
 GTCAGAATTCTGCACCCAGGGAGCTGAGATGTGCCGAGGGCCTGTGGCGGACATGGCTACTCAAAGCTG
 AGTGGCCTGCCATCACTGGTCACCAAATTGTGCGCCTCCTGTACCTACGAGGGTGAGAACACAGTGCTCT
 ACCTGCAGGTGGCCAGGTTCTGGTGAAGAGCTACCTGCAGACTCAGATGTCCCCTGGCTCCACGCCACA
 GAGATCTCTCTCCATCTGTCGCATATCTCACCGCACCTGACCTGGCCAGGTGTCCAGCCAGAGGGCA
 GCCGACTTCTCTGCCCGGAGCTCTACACCACGGCCTGGGCACATGTGGCAGTAAGGCTCATAAAGGACT
 CAGTGCAGCATTTACAGACCCTGACGCAATCCGGAGCTGACCAGCAGAGGCTTGAACCCAGACCACTGT
 CATAACCTCCAGGCTGCTAAGGTGCACTGCTACTATGTCACTGTGAAGGGTTTACAGAAGCTCTGGAG
 AAAGTAGAAAATGAACCAGCGATTTCAGCAGGTGCTCAAGCGCCTCTGTGACCTCCATGCCATACATGGAA
 TCTTGACTAACTCGGGTGACTTTCTCCATGACGCCTTCTGTCTGGTGCCCAAGTGAGATGGCAAGAAC
 AGCCTACCTGGACCTGTCCGCCTGATCCGGAAGGATGCCATCCTGTTAACTGATGCTTTTGACTTCACC
 GATCAGTGTAAATTACGCACTTGGCTGTTATGATGGAACGCTACGAACGCCTGTTCCAGTGGGCTC
 AGAAGTCACCAACCAATACTCAGGAGAACCTGCCTATGAGGAATATATAAGACCACTTTTACAAAGTTG
 GAGATCCAAGCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC208278 protein sequence Red=Cloning site Green=Tags(s) MGSPVHRVSLGDTWSRQMHPDIESERYMQSFDVERLTNILDGGAQNTALRRKVESIIHSYPEFSCKDNYF MTQNERKYKAAMRRAFHIRLIARRLGWLEDGRELGYAYRALSGDVALNIHRVVRALRSLGSEEQIAKWDP LCKNIQIIATYAQTELGHGTYLQGLETEATYDAATQEFVIHSPTLTATKWWPGDLGRSATHALVQAQLIC SGARRGMHAFIVPIRSLQDHTPLPGIIGDIGPKMDFDQTDNGFLQLNHVRVPRENMLSRFAQVLPDGTY VKLGTAQSNYLPVVVVVELLSGEILPILQKACVIAMRYSVIRQRSRLRPSDPEAKVLDYQTQQQLFPQ LAISYAFHFLAVSLLEFFQHSHYTAILNQDFSFLPELHALSTGMKAMSEFCTQGAEMCRRACGGHGYSKL SGLPSLVTKLSASCTYEGENTVLYLQVARFLVKSYLETQMSPGSTPQRSLSPSVAYLTAPDLARCPAQR ADFLCPELYTTAWAHVAVRLIKDSVQHLQTLTQSGADQHEAWNQTTVIHLQAAKVHCYVTVKGFTEALE KLENEPAIQQLKRLCDLHAIHGILTNSGDFLHDAFLSGAQVDMARTAYLDLLRLIRKDAILLTDAFDFT DQCLNSALGCDGNVYERLFQWAQKSPTNTQENPAYEEYIRPLLQSWRSKL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003500
ORF Size:	2043 bp
Buffer:	PBS with 0.001% Pluronic F6238
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_003500.2</u>
RefSeq Size:	2356 bp
RefSeq ORF:	2046 bp
Locus ID:	8309
UniProt ID:	<u>Q99424</u>
Cytogenetics:	3p14.3
MW:	76.8 kDa