

Product datasheet for **RC200230A1V**

Human ACOX1 (NM_004035) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACOX1 (NM_004035) AAV Particle
Tag:	Myc-DDK
Symbol:	ACOX1
Synonyms:	ACOX; MITCH; PALMCOX; SCOX
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200230 representing NM_004035
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACCCGGACCTGCGCAGGGAGCGGGATTCCGCCAGCTTCAACCCGGAGCTGCTTACACACATCCTGG
 ACGGCAGCCCCGAGAAAACCCGGCGCCGCCGAGAGATCGAGAACATGATCCTGAACGACCCAGACTTCCA
 GCATGAGGACTTGAACCTCCTCACTCGCAGCCAGCGTTATGAGGTGGCTGTCAGGAAAAGTGCCATCATG
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 GAGGGCGGCCTGAGCCTCTGGATCTTCACTTGGGCATGTTCTGCCACCTTGCTTACCAGGCAACTGC
 GGAGCAGCAGGAGCGCTTCTTCATGCCCGCTGGAACCTGGAGATCATTGGCACTTATGCCCAGACAGAG
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 TTCTCAACAGTCTACTGTGACCTCCATTAATGGTGGCTGGTGGGCTTGGAAAGACTTCAAATCATGC
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 GCTCTTTTCAGAAAACTCCTCAAAATCAAGATAAAGCCATTCAAGCTGTCTTAAGGAGTTTATGTCTG
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 AGATTACACAAGTAAACCAGCGTGTAAAGGAGTTACTCACTCTGATTCTGCTCAGATGCTGTTGCTTTGGT
 TGATGCATTTGATTTTCAAGATGTGACACTTGGCTCTGTGCTTGGCCGCTATGATGGGAATGTGTATGAA
 AACTTGTTTGAGTGGGCTAAGAACTCCCACTGAACAAAGCAGAGGTCCACGAATCTTACAAGCACCTGA
 AGTCACTGCAGTCCAAGCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200230 representing NM_004035 Red=Cloning site Green=Tags(s) MNPDLRRERDSASFNPPELLTHILDGSPEKTRRRREIENMILNDPDFQHEDLNFLTRSQRVEVAVRKSAIM VKKMREFGIADPDEIMWFKNFVHRGRPEPLDLHLGMFLPTLLHQATAEQQERFFMPAWNLEIIGTYAQTE MGHGTHLRGLETTATYDPETQEFILNSPTVTSIKWWPGGLGKTSNHAIVLAQLITKGKCYGLHAFIVPIR EIGTHKPLPGITVGDIGPKFGYDEIDNGYLKMDNHRIPRENMLMKYAQVKPDGTYYVKPLSNKLTYGTMVF VRSFLVGEEAARALSKACTIAIRYSAVRHQSEIKPGEPEPQILDFTQYKLFPLLATAYAFQFVGAYMKE TYHRINEGIGQGDLSELPELHALTAGLKAFTSWTANTGIEACRMACGGHGYSHCSGLPNIYVNFPSCTF EGENTVMMLQTARFLMKSVDQVHSGKLVCGMVSYLNDLPSQRIQPQQVAVWPTMVDINSPELSEAYKLR AARLVEIAAKNLQKEVIHRKSKEVAVNLTSDLVRASEAHCHYVVVKLFSEKLLKIQDKAIQAVLRSLCL LYSLYGISQNAGDFLQGSIMTEPQITQVNQRVKELLTLIRSDAVALVDAFDFQDVTLGSVLGRYDGNVYE NLFWEAKNSPLNKAEVHESYKHLKSLQSKL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004035
ORF Size:	1980 bp
Buffer:	PBS with 0.001% Pluronic F5029
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_004035.6</u>
RefSeq Size:	7585 bp
RefSeq ORF:	1983 bp
Locus ID:	51
UniProt ID:	<u>Q15067</u>
Cytogenetics:	17q25.1
MW:	74.7 kDa