

Product datasheet for **RC230362A1V**

Human ACOX1 (NM_001185039) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACOX1 (NM_001185039) 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:

>RC230362 representing NM_001185039
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGATCCTGAACGACCCAGACTTCCAGCATGAGGACTTGAACCTCCTCACTCGCAGCCAGCGTTATGAGG
 TGGCTGTCAGGAAAAGTGCCATCATGGTGAAGAAGATGAGGGAGTTTGGCATCGCTGACCCTGATGAAAT
 TATGTGGTTTAAAAATTTGTGCACCGAGGCGGCCTGAGCCTCTGGATCTTCACTTGGGCATGTTCTCG
 CCCACCTTGCTTACCAGGCAACTGCGGAGCAGCAGGAGCGCTTCTTCATGCCCGCTGGAACTTGGAGA
 TCATTGGCACTTATGCCAGACAGAGATGGGTATGGAACCTCACCTTCGAGGCTTGGAAACACAGCCAC
 GTATGACCCTGAAACCCAGGAGTTTATTCTCAACAGTCTACTGTGACCTCCATTAAATGGTGGCCTGGT
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 CATCGGCCCAAATTTGGTTATGATGAGATAGACAATGGCTACCTCAAAATGGACAACCATCGTATTCCC
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 ATTGAAGCATGTCGGATGGCTTGTGGTGGCATGGCTATTCTCATTGCAGTGGTCTTCCAAATATTTATG
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 GATGAAAAGTTATGATCAGGTGCACTCAGGAAAAGTTGGTGTGTGGCATGGTGTCTATTTGAACGACCTG
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 AGTGATTCACAGAAAAAGCAAGGAGGTAGCTTGAACCTAACTTCTGTTGACCTTGTTCGAGCAAGTGAG
 GCACATTGCCACTATGTGGTAGTTAAGCTCTTTTCAGAAAACTCCTCAAAATTCAGATAAAGCCATTC
 AAGCTGTCTTAAGGAGTTTATGTCTGTGATTCTCTGTATGGAATCAGTCAGAACCGGGGGATTTCTCT
 TCAGGGGAGCATCATGACAGAGCCTCAGATTACACAAGTAAACAGCGTGTAAAGGAGTTACTACTCTG
 ATTCGCTCAGATGCTGTTGCTTTGGTTGATGCATTTGATTTTCAGGATGTGACACTTGGCTCTGTGCTTG
 GCCGCTATGATGGGAATGTGTATGAAAACCTGTTTGAGTGGGCTAAGAACTCCCACTGAACAAAGCAGA
 GGTCCACGAATCTTACAAGCACCTGAAGTCACTGCAGTCCAAGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MILNDPDFQHEDLNFLTRSQRVEAVRKSAIMVKMREFGIADPDEIMWFKNFVHRGRPEPLDLHLMFL
 PTLHQAETAEQERFFMPAWNLEIIGTYAQTEMGHGTHLRGLETTATYDPETQEFILNSPTVTSIKWWPG
 GLGKTSNHAIVLAQLITKGKCYGLHAFIVPIREIGTHKPLPGITVGDIGPKFGYDEIDNGYLKMDNHRIP
 RENMLMKYAQVKPDGTYVKPLSNKLTYGTMVFVRSFLVGEAARALSKACTIAIRYSAVRHQSEIKPGEPE
 PQILDFQTQQYKLFLLATAYAFQFVGAYMKETYHRINEGIGQGDLSPELHALTAGLKAFTSWTANTG
 IEACRMACGGHGYSHCSGLPNIYVNFPTSCFEGENTVMMLQTARFLMKSVDQVHSGKL VCGMVSYLNDL
 PSQRIQPQQVAVWPTMVDINSPELSTEAYKLRAARLVEIAAKNLQKEVIHRKSKEVAVNLTSDLVRASE
 AHCHYVVVKLFSEKLLKIQDKAIQAVLRSLCLLYSLYGISQNAQDFLQGSIMTEPQITQVNQVRKELLTL
 IRSDAVALVDAFDFQDVTLGSLVGRYDGNVYENLFEWAKNSPLNKAIEVHESYKHLKSLQSKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001185039
ORF Size:	1866 bp
Buffer:	PBS with 0.001% Pluronic F9719
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_001185039.1</u>
RefSeq ORF:	1869 bp
Locus ID:	51
UniProt ID:	<u>Q15067</u>
Cytogenetics:	17q25.1
MW:	70.6 kDa