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Product datasheet for RC222515A1V

Human ACOX3 (NM_003501) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACOX3 (NM_003501) AAV Particle
Tag:	Myc-DDK
Symbol:	ACOX3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

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ORF Nucleotide Sequence:

>RC222515 representing NM_003501
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCATCCACTGTGGAAGGAGGCGACACAGCTCTGCTCCCAGAATTCCCCAGGGGGCCCCTCGATGCCT
ACCGAGCAAGAGCGTCCTTCAGCTGGAAGGAGCTGGCGCTGTTCACGGAAGGGGAGGGCATGCTCCGCTT
TAAGAAAACCATCTTCTCAGCTCTTGAGAATGACCCTCTTTTCGCTCGTTCCCCTGGAGCCGATCTGTCC
TTGGAGAAGTATCGCGAGCTGAACTTCCTTCGATGCAAGCGGATCTTCGAGTATGACTTCCTCAGTGTCG
AAGACATGTTCAAGAGCCCTCTGAAGGTCCCCGCCTTGATTCAGTGCCTGGGCATGTATGACTCTTCTCT
GGCTGCCAAGTACCTCCTCCATAGCTTGGTTTTTGGATCAGCAGTTTACAGTTCTGGTTCTGAAAGACAT
CTCACATATATTCAAAAGATCTTCAGGATGGAGATTTTTGGATGTTTTGCTCTGACCGAATTAAGCCACG
GCAGTAATACCAAGGCCATTCGCACAACTGCCCACTACGATCCTGCCACTGAGGAATTCATCATACATTC
CCCTGATTTCGAAGCTGCCAAGTTTTGGGTTGGCAACATGGGCAAGACAGCCACTCACGCGGTGGTGTTT
GCTAAGCTGTGTGTGCCAGGGGACCAGTGCCATGGGCTGCATCCCTTTATCGTGCAGATCCGGGACCCGA
AGACCCTTCTTCCCATGCCTGGAGTGATGGTTGGCGACATAGGAAAAAAACTCGGGCAGAACGGTCTGGA
TAATGGTTTCGCCATGTTCCACAAGGTCAGAGTTCCTCGCCAGAGCCTTCTGAACCGGATGGGAGACGTC
ACCCCCGAGGGCACCTATGTCAGCCCCTTTAAGGACGTCAGGCAGCGCTTTGGAGCGTCCCTGGGGAGCC
TGTCCTCGGGCCGGGTCTCCATCGTGAGCCTGGCCATCCTTAACCTAAAGCTGGCCGTGGCCATCGCTCT
TCGCTTCTCAGCCACTCGGCGTCAGTTTGGACCCACAGAGGAGGAGGAAATACCAGTGCTTGAGTATCCA
ATGCAGCAATGGCGCTTGCTTCCATATCTGGCAGCTGTCTACGCCTTAGACCATTTCTCCAAGTCGCTCT
TCCTGGACCTGGTGGAGCTCCAGCGAGGACTTGCATCGGGAGACCGCAGCGCCAGACAGGCAGAGCTTGG
ACGTGAGATCCACGCCCTGGCATCGGCCAGCAAGCCCCTGGCCTCGTGGACCACCCAGCAAGGAATTCAG
GAATGCCGGGAGGCGTGTGGAGGACACGGCTATCTGGCCATGAACCGGTTGGGTGTCCTTAGAGATGACA
ACGATCCCAACTGCACATACGAAGGTGACAACAACATCCTGCTGCAGCAGACAAGCAACTATTTGCTGGG
TCTCCTGGCACACCAGGTCCACGATGGAGCTTGCTTCCGCAGTCCGCTGAAGTCAGTGGACTTTCTGGAC
GCCTATCCCGGCATCCTTGACCAGAAGTTTGAGGTCTCCAGTGTTGCCGACTGCTTGGACTCTGCAGTCG
CCCTGGCAGCATACAAGTGGCTGGTTTGCTACCTGCTCCGAGAGACTTATCAAAAATTAAACCAAGAGAA
AAGATCAGGAAGCAGTGACTTTGAAGCAAGGAACAAATGCCAGGTGTCCCACGGCCGTCCGTTGGCGCTG
GCCTTCGTGGAGCTCACGGTGGTCCAGAGGTTCCACGAGCACGTGCACCAGCCTTCCGTGCCGCCCTCGC
TGCGGGCCGTGCTGGGGCGGCTCAGTGCTCTGTACGCCCTGTGGTCCCTGAGCCGCCACGCGGCCCTGCT
CTACCGAGGAGGATACTTCTCCGGTGAGCAGGCGGGAGAAGTGTTGGAGAGCGCCGTCCTGGCTTTGTGT
TCCCAGCTGAAAGACGATGCAGTTGCCCTGGTAGACGTGATCGCTCCTCCTGACTTTGTTCTGGACTCAC
CGATTGGCAGAGCCGACGGCGAGCTCTACAAAAACCTCTGGGGCGCTGTCCTGCAGGAAAGCAAGGTGTT
GGAGCGGGCATCCTGGTGGCCAGAGTTTTCTGTGAACAAACCTGTCATAGGAAGTCTGAAATCGAAGCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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Protein Sequence:

>RC222515 representing NM_003501
Red=Cloning site Green=Tags(s)

MASTVEGGDTALLPEFPRGPLDAYRARASFSWKELALFTEGEGMLRFKKTIFSALENDPLFARSPGADLS
LEKYRELNFLRCKRIFEYDFLSVEDMFKSPLKVPALIQCLGMYDSSLAAKYLLHSLVFGSAVYSSGSERH
LTYIQKIFRMEIFGCFALTELSHGSNTKAIRTTAHYDPATEEFIIHSPDFEAAKFWVGNMGKTATHAVVF
AKLCVPGDQCHGLHPFIVQIRDPKTLLPMPGVMVGDIGKKLGQNGLDNGFAMFHKVRVPRQSLLNRMGDV
TPEGTYVSPFKDVRQRFGASLGSLSSGRVSIVSLAILNLKLAVAIALRFSATRRQFGPTEEEEIPVLEYP
MQQWRLLPYLAAVYALDHFSKSLFLDLVELQRGLASGDRSARQAELGREIHALASASKPLASWTTQQGIQ
ECREACGGHGYLAMNRLGVLRDDNDPNCTYEGDNNILLQQTSNYLLGLLAHQVHDGACFRSPLKSVDFLD
AYPGILDQKFEVSSVADCLDSAVALAAYKWLVCYLLRETYQKLNQEKRSGSSDFEARNKCQVSHGRPLAL
AFVELTVVQRFHEHVHQPSVPPSLRAVLGRLSALYALWSLSRHAALLYRGGYFSGEQAGEVLESAVLALC
SQLKDDAVALVDVIAPPDFVLDSPIGRADGELYKNLWGAVLQESKVLERASWWPEFSVNKPVIGSLKSKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_003501

ORF Size: 2100 bp

Buffer: PBS with 0.001% Pluronic F8518

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: NM_003501.1

RefSeq Size: 2415 bp

RefSeq ORF: 2103 bp

Locus ID: 8310

UniProt ID: O15254

Cytogenetics: 4p16.1

MW: 77.4 kDa

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