

Product datasheet for **MR209849A1V**

Mouse Acox1 (NM_015729) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Acox1 (NM_015729) AAV Particle
Tag:	Myc-DDK
Symbol:	Acox1
Synonyms:	A; Acox; AOX; D130055E20Rik; Paox
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209849 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

 ATGAATCCCGATCTGCGCAAGGAGCGGGCCGCCACCTTCAATCCAGAGTTAATCACGCACATCTTGG
ATGGTAGTCCGGAGAACACCCGGCGCCGTCGAGAAATCGAGAATTGATTCTGAACGATCCAGACTTCCA
ACATGAGGACTATAACTTCTCACTCGAAGCCAGCGTTACGAGGTGGCTGTTAAGAAGAGTGCCACCATG
GTGAAGAAGATGAGGGAATTTGGCATCGCAGACCCTGAAGAAATCATGTGGTTTAAAACTCTGTGCACC
GAGGGCATCCTGAGCCTTTGGACCTTCACTTGGGCATGTTCTGCCACCTTGCTTACCAGGCCACCGA
AGAGCAGCAGGAGCGTTTCTTCATGCCGGCCTGGAATCTGGAGATCACGGGCACTTATGCGCAGACAGAG
ATGGGTCATGGAACATCTTCGAGGCTTGGAAACCACTGCCACATATGACCCCAAGACCAAGAGTTCA
TTCTCAACAGCCCACTGTGACTTCCATCAAGTGGTGGCTGGGGGCTTGGGAAGACTTCCAATCATGC
GATAGTCTGGCTCAGCTCATCACTCGAGGGGAGTGCTACGGGTACATGCCTTTGTTGTCCTATCCGT
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AGATGGATAATGGCTACCTGAAGATGGACAATTACCGTATTCCTAGAGAGAACATGTTGATGAAATATGC
CCAGGTGAAGCCTGACGGCAGCTATGTAAACCTCTGAGTAACAAGCTGACATATGGGACCATGGTTTTTC
GTAAGGTCCTTCTCGTGGGAAGTGCAGCTCAGAGTCTGTCCAAGGCATGCACCATTGCCATTCGATACA
GTGCTGTGAGGCGCCAGTCTGAAATCAAGAGAAGCGAGCCAGAGCCCCAGATTTTGGATTTTCAGACGCA
GCAGTATAAACTCTTCCCGCTCCTGGCCACCGCCTATGCCTTCCACTTTCTCGGAAGATACATAAAGGAG
ACCTACATGCGGATTAATGAGAGCATTTGGCCAAGGCGACCTGAGTGAGCTGCCTGAGCTTCATGCCCTCA
CAGCTGGGCTGAAGCTTTTACTACCTGGACAGCCAATGCTGGTATCGAAGAATGTCGGATGGCTTGCGG
TGGGCACGGCTATTCTCACAGCAGTGGGATTCCAAATATTTACGTCACGTTTACCCCGGCTGCACCTTC
GAGGGGGAGAACACTGTTATGATGCTGCAGACGGCCAGGTTCTTGATGAAAATCTATGACCAGGTTTCAGT
CGGGGAAGCTGGTGGTGGTATGGTGTCTGACTTGAATGACCTGCCGAGCCAGCGTATCCAGCCGCAGCA
GGTGGCAGTCTGGCCAACTCTGGTGGACATTAACAGCCTGGACAGCCTGACAGAAGCCTACAAGCTACGT
GCAGCCAGATTGGTAGAAATGCTGCAAAAACCTTCAGGCCCAAGTGAGTCACAGGAAGAGCAAGGAAG
TGGCGTGAACCTGACTTCTGTCGACCTTGTTTCGCGCAAGTGAGGCGCACTGCCACTACGTGACCGTTAA
GGTCTTTGCAGATAAACTCCCAAGATTCAAGACAGAGCCGTGCAAGCCGTGCTGAGGAACCTGTGTCTC
TTATATTCTCTCTATGGGATCAGCCAGAAAGGAGGGGATTTTCTTGAGGGGAACATCATCAGGGGCTC
AGATGTCACAGGTAAACAGTCGGATCCTGGAGCTGCTCACAGTGAATCGCCCAACGCTGTGGCTTTGGT
GGATGCCTTTGACTTTAAGGATGTGACCCTTGGCTCTGTTCTCGGCCGCTATGATGGCAATGTGTATGAA
AACTTGTTTGAGTGGGCCAAGAAGTCCCACTGAACAAGACAGAGGTCCACGAATCTTACTACAAGCACT
TGAAGCCCCTGCAGTCGAAGCTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR209849 protein sequence Red=Cloning site Green=Tags(s) MNPDLRKERAAATFNPELITHILDGSPENTRRRREIENLILNDPDFQHEDYNFLTRSQRVEVAVKKSATM VKKMREFGIADPEEIMWFKNSVHRGHEPLDLHLGMFLPTLLHQATEEQQERFFMPAWNLEITGTYAQTE MGHGTHLRGLETTATYDPKTQEFILNSPTVTSIKWWPGGLGKTSNHAIVLAQLITRGECYGLHAFVVP EIGTHKPLPGITVGDIGPKFGYEEMDNGYLKMDNYRIPRENMLMKYAQVKPDGTYYKPLSNKLTYGTMVF VRSFLVGSAQSLSKACTIAIRYSAVRRQSEIKRSEPEPQILDFQTQQYKLFPLLATAYAFHFLGRYIKE TYMRINESIGQGDLSELPELHALTAGLKAFTTWTANAGIEECRMACGGHGYSHSSGIPNIYVTFPACTF EGENTVMMLQTARFLMKIYDQVQSGKLVGGMVSYLNDLPSQRIQPQQVAVWPTLVDSNLSLSTEAYKLR AARLVEIAAKNLQAQVSHRKSKEVAVNLTSDLVRASEAHCHYVTVKVFADKLPKIQDRAVQAVLRNLCL LYSLYGISQKGGDFLEGNIITGAQMSQVNSRILELLTVTRPNAVALVDAFDFKDVTLGSLGRYDGNVYE NLFWEAKKSPLNKTEVHESYYKHLKPLQSKL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_015729
ORF Size:	1983 bp
Buffer:	PBS with 0.001% Pluronic F950
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_015729.2</u> , <u>NP_056544.2</u>
RefSeq Size:	3992 bp
RefSeq ORF:	1986 bp
Locus ID:	11430
UniProt ID:	<u>Q9R0H0</u>
Cytogenetics:	11 E2
MW:	74.7 kDa