

Product datasheet for **RC210070A1V**

Human MIOX (NM_017584) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MIOX (NM_017584) AAV Particle
Tag:	Myc-DDK
Symbol:	MIOX
Synonyms:	ALDRL6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC210070 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGGTGACGGTGGGCCCAGACCCTTCCCTGGTCTACCGACCTGATGTGGACCCAGAGGTGGCCAAAG
ACAAGGCCAGCTTCCGGAACACACGTCAGGTCCCCTCCTGGACCGTGTCTTACCACCTACAAGCTCAT
GCACACGCACCAGACAGTGGACTTCGTAGGAGCAAGCATGCCAGTTTGGGGGCTTCTCTACAAGAAA
ATGACAGTCATGGAGGCCGTGGACCTGCTGGATGGGCTGGTGGATGAGTCGGACCCGGACGTAGATTTCC
CCAACCTCTTCCATGCCTTCCAGACAGCGGAGGCATCCGGAAGGCCACCCAGACAAGGACTGGTTCCA
CCTCGTCGGGCTCCTGCACGACCTGGGGAAGGTCCTGGCCCTGTTTCGGGGAGCCCCAGTGGGCTGTCTGC
GGCGACACCTTCCCCGTGGATGCCGTCCGACGACCTCCGTGGTTTTCTGCGACTCCACCTTCCAGGACA
ACCCTGACCTCCAGGATCCTCGATACAGCACAGAGCTCGGGATGTATCAGCCCCACTGTGGGCTCGACAG
GGTCTCATGTCTGGGGCCATGATGAGTACATGTACCAGGTGATGAAGTTTAACAAGTTCTCACTGCC
CCTGAGGCTTTCTACATGATCCGGTTCCACTCCTTCTACCCCTGGCACACGGGCCGCGACTACCAGCAGC
TGTGCAGCCAGCAGGACCTGGCCATGCTGCCCTGGGTGCGGGAGTTCAACAAGTTCGACCTCTACACCAA
GTGCCCGGACCTGCCGACGTGGACAAGCTGCGGCCCTACTACCAGGGGCTCATTGACAAGTACTGCCCT
GGCATCTGAGCTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC210070 protein sequence Red=Cloning site Green=Tags(s) MKVTVGPDPSLVYRPDVPDPEVAKDKASFRNYTSGPLLDRVFTTYKLMHHTQTVDFVRSKHAQFGGFSYKK MTVMEAVDLLDGLVDESDPDVDFPNSFHAFQTAEGIRKAHPDKDWFHLVGLLHDLGKVLALFGEPQWAVV GDTFFVGCRRPQASVVFCDSTFQDNPDLDPRYSELGMYQPHCGLDRLMSWGHDEYMYQVMKFNKFSLP PEAFYMRHFHSFYFWHTGRDYQQLCSQQDLAMLPWVREFNKFYTKCPDLPDVKLRPYQGLIDKYCP GILSW TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_017584
ORF Size:	855 bp
Buffer:	PBS with 0.001% Pluronic F68
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_017584.5</u>
RefSeq Size:	1437 bp
RefSeq ORF:	858 bp
Locus ID:	55586
UniProt ID:	<u>Q9UGB7</u>
Cytogenetics:	22q13.33
MW:	33 kDa