

Product datasheet for RC205932A1V

Human Myosin Light Chain 2 (MYL2) (NM_000432) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human Myosin Light Chain 2 (MYL2) (NM_000432) AAV Particle
Tag: Myc-DDK
Symbol: Myosin Light Chain 2
Synonyms: CMH10; MLC-2s/v; MLC2
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC205932 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCACCTAAGAAAGCAAAGAAGAGAGCCGGGGCGCCAACCTCCAACGTGTTCTCCATGTTCGAACAGA
 CCCAAATCCAGGAATTTAAGGAGGCCTTCACTATCATGGACCAGAACAGGGATGGCTTCATTGACAAGAA
 CGATCTGAGAGACACCTTTGCTGCCCTTGGGCGAGTGAACGTGAAAAATGAAGAAATGATGAAATGATC
 AAGGAGGCTCCGGTCCAATTAACCTTACTGTGTTCCCTACAATGTTTGGGAGAACTTAAGGGAGCGG
 ACCCTGAGGAAACCATTCTCAACGCATTCAAAGTGTGTTGACCCCTGAAGGCAAAGGGGTGCTGAAGGCTGA
 TTACGTTCCGGAAATGCTGACCACGCAGGCGGAGAGGTTTTCCAAAGGAGGAGTTGACCAGATGTTCCGCC
 GCCTTCCCCCCTGACGTGACTGGCAACTTGGACTACAAGAACCTGGTGCACATCATCACCCACGGAGAAG
 AGAAGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC205932 protein sequence
 Red=Cloning site Green=Tags(s)

MAPKKAKKRAGGANSNVFSMFEQTQIQEFKEAFTIMDQNRDGFIDKNDLRDTFAALGRVNVKNEEIDEMI
 KEAPGPINFTVFLTMFGEKLGADPEETILNAFKVFDPEGKGVLKADYVREMLTTQAERFSKEEVDQMFA
 AFPPDVTGNLDYKNLVHIITHGEEKD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2



ACCN:	NM_000432
ORF Size:	498 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_000432.1</u>
RefSeq Size:	855 bp
RefSeq ORF:	501 bp
Locus ID:	4633
UniProt ID:	<u>P10916</u>
Cytogenetics:	12q24.11
MW:	18.8 kDa