

Product datasheet for **RC202750A1V**

Human myosin light chain 1 (MYL1) (NM_079422) AAV Particle

Product data:

Product Type: AAV Particles

Product Name: Human myosin light chain 1 (MYL1) (NM_079422) AAV Particle

Tag: Myc-DDK

Symbol: myosin light chain 1

Synonyms: MLC1F; MLC3F; MYOFTA

Mammalian Cell Selection: None

Vector: pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC202750 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCCTTCAGTGCTGACCAGATTGCTGAATTCAGGAGGCATTTCTCCTGTTTGACAGAACAGGTGATT
CCAAGATCACCTTAAGCCAGGTCGGTGATGTCCTTCGAGCTCTGGGCACAAATCCCACCAATGCAGAGGT
CAGGAAAGTTCTGGGAAACCCAGCAATGAAGAGCTGAATGCCAAGAAAATTGAGTTTGAACAATTTCTG
CCTATGATGAAGCCATTTCCAACAACAAGGACCAGGCCACCTATGAAGACTTTGTTGAGGGTCTGCGTG
TCTTTGACAAGGAAGGCAATGGCACAGTCATGGGTGCTGAACCTCCGCCATGTTCTAGCCACCCTGGGTGA
AAAGATGAAAGGAAGAAGTGAAGCCCTGATGGCAGGTCAAGAAGACTCCAATGGCTGCATCAACTAC
GAAGCTTTTGTCAAGCACATCATGTCTATC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC202750 protein sequence
Red=Cloning site Green=Tags(s)

MSFSADQIAEFKEAFLFDRTGDSKITLSQVGDVLRALGTNPTNAEVRKVLGNPSNEELNAKKIEFEQFL
PMMQAIISNNKDQATYEDFVEGLRVFDKEGNGTVMGAELRHVLATLGEKMKEEEVEALMAGQEDSNGCIN
Y EAFVKHIMSI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2



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ACCN:	NM_079422
ORF Size:	450 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_079422.1</u>
RefSeq Size:	862 bp
RefSeq ORF:	453 bp
Locus ID:	4632
UniProt ID:	<u>P05976</u>
Cytogenetics:	2q34
MW:	16.7 kDa