

Product datasheet for **RC223251A1V**

Human Leiomodin 3 (LMOD3) (NM_198271) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Leiomodin 3
Synonyms:	NEM10
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC223251 representing NM_198271
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCAGAGCACAGCAGAAATTCAGATCAAGAAGAACTTCTCGATGAGGAGATTAATGAAGATGAAATCT
 TGGCCAACTTGTCTGCTGAAGAACTGAAAGAACTGCAGTCGGAAATGGAAGTCATGGCCCCTGACCCAG
 CCTTCCCGTGGGAATGATTAGAAAAGATCAAACTGACAAGCCACCGACAGGAACTTCAATCATAAATCT
 CTTGTTGATTATATGTATTGGGAAAAGGCATCCAGGCGCATGCTGGAAGAGGAACGAGTTCTGTACCT
 TTGTGAAATCCGAGGAAAAGACTCAAGAAGAGCATGAAGAAATAGAAAAACGTAATAAAAAATATGGCCCA
 GTATTTAAAAAGAAAAGCTCAATAATGAAATAGTTGCAAAATAAAGAGAAATCAAAGGGCAGCAGCAATATC
 CAAGAAACAGATGAAGAAGATGAAGAAGAAGAAGATGATGATGATGACGACGAAGGAGAAGATGATGGTG
 AAGAGAGTGAAGAAACGAACAGAGAAGAGGAAGGCAAGCAAGGAACAAATTAGAAATTGTGAGAACAA
 CTGCCAGCAGGTAAGTGAAGAACTTCAAGAACAGAGAGACAGACCAGAGGCCCAAGAACAAAGTGAG
 AAAAAAATATCGAAATTAGATCCTAAGAAGTTAGCTCTAGACACCAGCTTTTTGAAGGTAAGTACAAGGC
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 ACTCAACCTGAACAACATTGAAACATCCCCAAGAAATGTTACTGGACTTTGTCAATGCAATGAAGAAA
 AACAAGCACATCAAAACATTGAGTTAGCCAATGTGGGTGCAGATGAGAATGTAGCATTGCTTGGCTA
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 AAGGCAGAAACGACAGGAAGAGCAAAAACAGCAGCAACTCAAGGAACAGAGAAGCTGATAGCCATGTTA
 GAGAATGGGTTGGGGTGCCTCCCTGGGATGTGGGAGCTGTTGGGAGGACCAAGCCAGATTCAGAAATGC
 AGGAATTCTTCAGCCACCGCCACCTCGGCCTCCCAACCCCAAAATGTCCCTTTAGTCAACGCAGTGA
 AATGATGAAAAAGCCATCGCAGGCCCGGAAGTACAGGACAGACCTGACTCCTTCCGGGTGGTGAAGCTG
 AAGAGAAATCCAGCGCAAAATCTCGGATGCGGGAAGCCAGAGAACCACCCGAGAAAAACCAACCTCAAGATG
 TCATCAAAACGCTCAAGCCAGTGCCGAGAAACAGGCCACCCCATTTGGTGGAAATCACTCCAGAGATCA
 GCTGCTAAACGACATTCGTACAGCAGTGTGCCTATCTTAAACCTGTGCAACTGCCAAAAGAACTGGCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MSEHSRNSDQEELLDEEINEDEILANLSAEELKELQSEMEVMAPDPSLPVGMQKDQTDKPTGNFNHKS
 LVDYMYWEKASRRMLEEERVPTFVKSEETQEEHEEIEKRNKNMAQYLKEKLNNEIVANKRESKGSSNI
 QETDEEDEEEEEDDDDDEGEDDGESEETNREEEGKAKEQIRNCENNCQVTDKAFKEQRDRPEAQEQSE
 KKI SKLDPKKLALDTSFLKVS TRPSGNQTDLDGSLRRVRKNDPDMKELNLNNIENIPKEMLLDFVNAMKK
 NKHIKTFSLANVGADENVAFALANMLRENRSITTLNIESNFITGKGI VAIMRCLQFNETL TELRFHNQRH
 MLGHHAEME IARLLKANNTLLKMGYHFELPGPRMVVTNLL TRNQDKQRQKRQEEQKQQLKEQKKLIAML
 ENGLGLPPGMWELLGGPKPDSRMQEFFQPPPPRPPNPQNVPF SQRSEMMKKPSQAPKYRTDPDSFRVVKL
 KRIQRKSRMPEAREPPEKTNLKDVIKTLKPVPRNRPPPLVEITPRDQLLNDIRHSSVAYLKPVQLPKELA

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_198271
ORF Size: 1680 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:	NM_198271.2
RefSeq Size:	4067 bp
RefSeq ORF:	1683 bp
Locus ID:	56203
UniProt ID:	Q0VAK6
Cytogenetics:	3p14.1
MW:	64.7 kDa