

Product datasheet for **RC222435A1V**

Human Lamin A (LMNA) (NM_170708) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Lamin A (LMNA) (NM_170708) AAV Particle
Tag:	Myc-DDK
Symbol:	LMNA
Synonyms:	CDCD1; CDDC; CMD1A; CMT2B1; EMD2; FPL; FPLD; FPLD2; HGPS; IDC; LDP1; LFP; LGMD1B; LMN1; LMNC; LMNL1; MADA; PRO1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222435 representing NM_170708
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

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 AACAGCAACCTGGTGGGGGTGCCACGAGGAGCTGCAGCAGTCGCGCATCCGCATCGACAGCCTCTCTG
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 GCTGGGCAGGTGGTGACGATCTGGGCTGCAGGAGCTGGGGCCACCCACAGCCCCCTACCGACCTGGTGT
 GGAAGGCACAGAACACCTGGGGTGGGGAACAGCCTGCGTACGGCTCTCATCACTCCACTGGGAAGG
 CTCCCACTGCAGCAGCTCGGGGACCCGCTGAGTACAACCTGCGCTCGCGCACCGTGTGTGCGGGACC
 TGCGGGCAGCCTGCCACAAGGCATCTGCCAGCGGCTCAGGAGCCAGGTGGGCGGACCCATCTCCTCTG
 GCTCTTCTGCCTCCAGTGTACCGTCACTCGCAGCTACCGCAGTGTGGGGGGCAGTGGGGGTGGCAGCTT
 CGGGGACAATCTGGTCACCCGCTCTACCTCCTGGGCAACTCCAGCCCCGAACCCAGAGCCCCAGAAC
 TGCAGCATCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC222435 representing NM_170708 Red=Cloning site Green=Tags(s) METPSQRRATRSGAQASSTPLSPTRITRLQEKEDLQELNDRLAVYIDRVRSLETENAGLRLRITESEEVV SREVSGIKAAYEAELGDARKTLDVAKERARLQLELSKVREEFKELKARNTKKEGDLIAAQARLKDLEAL LNSKEAALSTALSEKRTLEGELHDLRGQVAKLEAALGEAKKQLQDEMLRRVDAENRLQTMKEELDFQKNI YSEELRETKRRHETRLVEIDNGKQREFESRLADALQELRAQHEDQVEQYKKELEKTYSAKLDNARQSAER NSNLVGAAHEELQQSRIRIDSLSAQLSQLQKQLAAKEAKLRDLEDLARERDTSRLLAEKEREMAEMRA RMQQQLDEYQELLDIKLALDMEIHAYRKLLGEEERLRLSPSPTSQSRGRASSHSSQTQGGGSVTKKRK LESTESRSSFSQHARTSGRVAVEEVDEEGKFVRLRNKSNEDQSMGNWQIKRQNGDDPLLTYRFPKFTLK AGQVVTIWAAGAGATHSPPTDLVWKAQNTWGCNSLRTALINSTGEGSHCSSGDPAEYNLRSRTLCTG CGQPADKASASGGAQVGGPISSGSSASSVTVTRSYRSVGGSGGSGFDNLVTRSYLLGNSSPRTQSPQN CSIM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_170708
ORF Size:	1902 bp
Buffer:	PBS with 0.001% Pluronic F8509
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_170708.1
RefSeq Size:	3091 bp
RefSeq ORF:	1905 bp
Locus ID:	4000
UniProt ID:	P02545
Cytogenetics:	1q22
MW:	70.5 kDa