

Product datasheet for **RC208535A1V**

Human LEMD2 (NM_181336) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LEMD2 (NM_181336) AAV Particle
Tag:	Myc-DDK
Symbol:	LEMD2
Synonyms:	CTRCT42; dJ482C21.1; LEM2; MARUPS; NET25
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208535 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGGCCTGTCGGACCTGGAACCTGCGGCGGGAGCTGCAGGCCCTGGGCTTCCAGCCAGGACCCATCA
 CCGACACCACCCGGGATGTCTACCGCAACAAGCTGCGCCGCTGCGGGGCGAGGCCCGGCTGCGCGACGA
 GGAGCGCTGCGGGAGGAGGCCCGGCCGCGGGCGAGGAGCGGTTACGGGAAGAGGCCCGGTTACGCGAG
 GATGCGCCGCTGCGCGCCCGGCCGCGCGCCTCTCCGCGGGCGAGCCCTGGCTCTCCAGCCGGCCT
 CGGGCTCGGCCTACGCGACCCCTGGGGCTACGGTGATATCCGGCCCTCCGCGGCTTCTGGGTAGGGAG
 CCGCGGCTCGCCTATCTGCCCGCCCGGCGCAACTCAGGCGCCGCGCCTCGGTCCGGGCGAGCTCCGAG
 GAGGACGAGGACCCCGACGCCGACAGGGCCACGAGGGCCCGGTCTCGCGGCCCGCGCTGGTGGG
 CAGCGTCTCCCGCCCGGCGCGGCTGCCTTCTCCCTCCTCGGTCCCGACCCGCGCCCGGCTGCGGGC
 GACTCGAGCGGGCCCTGCTGGCGCGGCGAGGGCCCGGCTGAGGTGGGCGCCGGCTGGAGCGCTGGCTC
 TCTCGGTTCTGCTCTGGGCCAGCCTAGGGCTACTGCTCGTCTTCTGGGCATCCTTTGGGTGAAGATGG
 GCAAGCCCTCAGCGCCGAGGAGGCGGAGGACAACATGAAGTTATTGCCAGTGGACTGTGAGAGAAAAAC
 AGATGAGTTCTGTGAGCCAAGCAGAAGGCAGCCTTGTGGAGCTGTGCATGAAGTCTACAATTTCTG
 GCCATCCAAGCTGGTAATTTTGTAGTGTGAAATCCAGAGAATCTAAAAAGCAAATGCATTCCTGTTATGG
 AAGCCCAAGAATATATAGCCAATGTGACCAGCAGCTCCTCCGCCAAGTTTGAAGCCGCACTGACCTGGAT
 ACTGAGCAGTAACAAGGACGTGGGCATCTGGTTGAAAGGAGAAGACCAGTCTGAATTGGTGACGACTGTG
 GACAAGGTGGTCTGCCTGGAATCTGCCACCCCGCATGGGTGTTGGTGGCCCTGAGCCGAGCCTTGC
 TCACTGCTGTACCAACGTGCTCATCTTCTTCTGGTGCTTGGCTTTTTTGTGGGGCTCCTAATTCTCT
 AAAATATCGGTGGCGAAAGTTAGAAGAGGAGGAACAAGCCATGTATGAGATGGTGAAGAAGATTATAGAC
 GTGGTCCAGGACATTACGTGGACTGGGAGCAGGACATGGAGCGCTATCCATATGTAGGCATCCTGCACG
 TGCGCGACAGCTTGATCCCTCCACAGAGCCGGAGGCGCATGAAGCGTGTCTGGGACCGAGCTGTGGAGTT
 CCTGGCCTCCAACGAATCCCGGATCCAGACGGAGTCCACCGCGTTGCAGGAGAGGACATGCTGGTGTGG
 AGATGGACTAAGCCCTCTTCTTCTCTGACTCAGAGCGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208535 protein sequence
 Red=Cloning site Green=Tags(s)

MAGLSDELELRRELQALGFQPGPITDTRDVYRNKLRLRLRGEARLRDEERLREEARPRGEERLREEARLRE
 DAPLRARPAASPRAEPWLSQPASGSAYATPGAYGDIRPSAASWVGSRLAYPARPAQLRRRASVRGSSE
 EDEDARTPDRATQGPGLAARRWWAASPAPARLPSSLLGPDPRPGLRATRAGPAGAARARPEVGRRLERWL
 SRLLLWASLGLLLVFLGILWVKMGKPSAPQEAEDNMKLLPVDCKERKTDEFQAKQKAALLELLHELYNFL
 AIQAGNFECGNPENLKSICPVMEAEYIANVTSSSSAKFEAALTWILSSNKDVGILWKGEDQSELVTTV
 DKVVCLSAHPRMGVGCRLSRALLTAVTNVLIFFWCLAFWLGLLILLKYRWRKLEEEQAMYEMVKKIID
 VVQDHYVDWEQDMERYPYVGIHVDRSLIPPQSRMRMRVWDRAVEFLASNESRIQTESHVRVAGEDMLVW
 RWTKPSSFSDSER

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_181336

ORF Size:

1509 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_181336.2, NP_851853.1</u>
RefSeq Size:	2957 bp
RefSeq ORF:	1512 bp
Locus ID:	221496
UniProt ID:	<u>Q8NC56</u>
Cytogenetics:	6p21.31
MW:	57 kDa