

Product datasheet for **RC207088A1V**

Human LMAN1 (NM_005570) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LMAN1 (NM_005570) AAV Particle
Tag:	Myc-DDK
Symbol:	LMAN1
Synonyms:	ERGIC-53; ERGIC53; F5F8D; FMFD1; gp58; MCFD1; MR60
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC207088 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

 ATGGCGGGATCCAGGCAAAGGGGTCTCCGGGCCAGAGTTCGGCCGCTGTTCTGCGCCTTGCTGCTGCAC
TCGGTCGCTTCGTCCGGGGCGACGGCGTGGGAGGAGACCCGCGGTCGCGTTGCCACATCGCCGTTTCGA
GTACAAATACAGCTTCAAGGGGCCGACCTGGTGCAGAGCGACGGGACCGTGCCCTTCTGGGCCACGCG
GGGAATGCTATTCCAAGTTCAGATCAAATTCGAGTAGCACCATCTTTAAAAAGCCAAAGAGGCTCAGTGT
GGACAAAGACAAAAGCGGCCTTTGAGAACTGGGAAGTTGAGGTGACATTCGAGTGACTGGAAGAGGTGCG
AATTGGAGCTGATGGCTAGCAATTTGGTATGCAGAAAATCAAGGCTTGAGGGCCCTGTGTTTGGATCA
GCTGATCTGTGGAATGGTGTGGAATATTTTTGATTCTTTTGAATGATGAAAGAAAAATAATCCTG
CTATAGTAATTATAGCAACAATGGACAAATCCATTATGACCATCAAAATGACGGGGCTAGTCAAGCTTT
GGCAAGTTGCCAGAGGGACTTCCGCAACAAACCTATCCTGTCCGAGCAAAGATTACCTATTACCAGAAC
ACACTGACAGTAAATGATCAATAATGGCTTTACACCAGATAAAAAATGATTATGAATTTTGTGCCAAAGTGG
AAAATATGATTATCCCTGCACAAGGGCATTGGAATATCTGCTGCAACTGGAGGTCTTGACATGACCA
TGATGTCCTTTCTTTCTGACTTTCCAGTTGACTGAACCTGGAAGAGCGCCACACCAGATAAAGAA
ATTTCCGAAAAGGAAAAAGAAAGTATCAGGAGGAATTTGAGCACTTTCAACAAGAAATGGATAAAAAA
AAGAGGAATCCAGAAGGGCCACCCGACCTCCAAGGGCAGCCTGCGGAGGAAATATTTGAGAGTGTAGG
AGATCGAGAGCTAAGACAAGTCTTTGAAGGACAGAATCGTATTCATCTTGAAATCAAGCAGCTGAACCG
CAGTTAGATATGATTCTTGATGAACAGAGAAGATATGTCTCTTCTTAACAGAGGAAATCTCTAAAGAG
GAGCAGGAATGCCTGGCAGCATGGGCAGATTACTCAACAAGAACTGGATACTGTTGTGAAAACCTCAGCA
TGAGATTCTGAGACAAGTAAATGAAATGAAAAATTCCTTGAGTGAAACCGTCAGACTGGTCAGTGAATG
CAGCACCTGGCTCTGCTGGAGGCGTCTATGAGACAACACAGCACTTCATTGACATCAAAGAGCACCTGC
ACATAGTAAAGAGGGACATAGATAAATAGTGCAGCGAAATATGCCATCAAAATGAAAAGCCGAAATGCC
AGAACTACCACCATTTCCATCATGTTTGTCTACGGTCCACTTCATTATTTGTTGTGGTGCAAACTGTA
TTATTCATTGTTATATCATGTATAGGTCTCAGCAAGAAGCAGCTGCCAAAAATCTTT

 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207088 protein sequence

Red=Cloning site Green=Tags(s)

 MAGSRQRLRARVRPLFCALLLSLGRFVRGDVGDDPAVALPHRRFEYKYSFKGPHLVQSDGTVPFWAHA
GNAIPSSDQIRVAPSLKSQSGSVWTKKAFFENWEVEVTFRTVGRGRIGADGLAIWYAENQGLEGPVFGS
ADLWNGVGIFDSDFDNDGKKNNPAIVIIIGNNGQIHYDHQNDGASQALASCQRDFRNKPYPRAKITYYQN
TLTVMINNGFTPDKNDEYFCAKVENMIIPAQGHFGISAATGGLADDHDVLSFLTQLETPGKEPPTPDKE
ISEKEKEKYQEEFEHFQQELDKKKEEFQKGHPDLQGQPAEEIFESVGDRELQVFEQGNRIHLEIKQLNR
QLDMILDEQRRYVSSLTEEISKRAGMPPGQHGQITQQELDTVVKTQHEILRQVNMENKNSLSETVRLVSGM
QHPGSAGGVYETTQHFIDIKEHLHIKRDIDNLVQRNMPSEKPKCELPFPSCSLSTVHFIIFFVVVQTV
LFIGYIMYRSQQEAAAKKFF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_005570

ORF Size:

1530 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_005570.2</u>
RefSeq Size:	4848 bp
RefSeq ORF:	1533 bp
Locus ID:	3998
UniProt ID:	<u>P49257</u>
Cytogenetics:	18q21.32
MW:	57.5 kDa