

Product datasheet for **RC202855A1V**

Human LETM1 (NM_012318) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LETM1 (NM_012318) AAV Particle
Tag:	Myc-DDK
Symbol:	LETM1
Synonyms:	SLC55A1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC202855 representing NM_012318
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGTCCATCTTACTGAGGAGCTGCCGCGCGCGGGCGCCCGCCCGCTCCCGCGCGCGCTCGGTACA
CCGTCCCAGCGGGTAGTCCAGGGGATCCTGCTCATCTCAGCTGTGCCAGCACCCCTGGGGTTGAGGAACTG
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TCACTACCAAGGAGAAGGAGGAGCTGGAGCTGCTGAAGGAGGATGTGCAGGACTACAGCGAGGACTTGC
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TCAACGCCATGAAGCAAGTCAAGCACATTCGGAAGCAAGCTCACCAGCCTGGCCGAGCACTGGATGA
AAACAAGGATGGCAAGTCAACATCGACGACCTCGTCAAGGTGATTGAGCTGGTGGACAAGAAGATGTT
CACATCTCCACCAGCCAGGTGGCTGAGATTGTAGCAACACTGAAAAAGAGGAGAAGGTGGAGGAGAAGG
AGAAGGCCAAAGAGAAGGCAGAGAAGGAGGTGCGAGAGGTGAAGAGC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC202855 representing NM_012318 Red=Cloning site Green=Tags(s) MASILLRSCRGRAPARLPPPPRYTVPRGSPGDPAPHLSCASTLGLRNCLNVPFGCCTPIHPVYTSSRGDHL GCWALRPECLRIVSRAPWTSTSVGFVAVGPQCLPVRGWHSSRPVRDDSVVEKSLKSLKDKNKKLEEGGPV YSPPAEVVVKKSLGQRVLDLKHYYHGFRLWIDTKIAARMLWRILNGHSLTRRERRQFLRICADLFRV PFLVFVVVPFMEFLLPVAVKLFPNMLPSTFETQSLKEERLKKELRVKLELAKFLQDTIEEMALKNKAAG SATKDFSVFFQKIRETGERPSNEEIMRFSKLFEDLTLDNLTRPQLVALCKLLELQSIGTNNFLRFQTM RLRSIKADDKLIAEEGVDSLNVKELQAACRARGMRALGVTEDLRGQLKQWLDLHLHQEIPTSLLILSRA MYLPDTLSPADQLKSTLQTLPEIVAKEAQVKVAEVEGEQVDNKALEATLQEEAAIQQEHREKELQKRSE VAKDFEPERVVAAPQRPGETPQPEMPDTVLQSETLKDTAPVLEGLKEEITKEEIDILSDACKLQEQQK SLTKEKEELELLKEDVQDYSEDLQEIKKELSKTGEEKYVEESKASKRLTKRVQQMIGQIDGLISQLEMDQ QAGKLAPANGMPTGENVISVAELINAMKQVKHIPESKLTSLAALDENKDGKVNIDDLVKVIELVDKEDV HISTSQVAEIVATLEKEEKVEEKEKAKEKAKEVAEVKS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_012318
ORF Size:	2217 bp
Buffer:	PBS with 0.001% Pluronic F5371
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_012318.1, NP_036450.1</u>
RefSeq Size:	3907 bp
RefSeq ORF:	2220 bp
Locus ID:	3954
UniProt ID:	<u>O95202</u>
Cytogenetics:	4p16.3
MW:	83.35 kDa