

Product datasheet for **MR226965A1V**

Mouse Lpcat1 (NM_145376) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Lpcat1 (NM_145376) AAV Particle
Tag:	Myc-DDK
Symbol:	Lpcat1
Synonyms:	2900035H07Rik; Ayt12; BB137372; BC005662; C87117; LPCAT; rd11
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR226965 representing NM_145376
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGCTGCGGGCCGCGGGCCGCGGGCCGCCCTCCTCCAGCTCTGGGGCAGGCGACGCGCGGCC
 TAGCGCCCCCGGGCGGAACCCCTTCGTGCACGAGCTGCGACTGAGCGCCTGCAGAAGGCCAGGTGGC
 TTTCATGACGTTGACGCTGTTCCCATCCGGCTCCTGTTCGCTGCTTTCATGATGCTGCTGGCCTGGCC
 TTTGACTCCTGGCTTCCCTGGGACCTCCTGATAAGGAGCCAGAGCAGCCCTGGCCTTATGGAGGAAGG
 TCGTGGACTTCTGCTCAAGGCCATCATGCGCACCATGTGGTTTGTGGCGGCTTCCACCGTGTAGCTGT
 GAAGGGGCGGACGGCCCTGCCTACTGAGGCTGCTATCCTCACCTTGGCTCCACATTCTCCTACTTTGAT
 GCCATCCCGGTACCATGACCATGTCTCCATTGTGATGAAGGCAGAGAGCAGAGACATCCCAATCTGGG
 GAACTCTGATAAGATACATCAGGCCAGTTCGTGTCCGCTCTGACCAGGACTCGCAAGGAAGACAGT
 GGAGGAGATCAAGCGACGGGCACAGTGAATGAAAGTGGCCTCAGATAATGATTTTTCCAGAAGGAACT
 TGTACAATAGGACCTGCCTCATTACCTTCAAACCTGGTGCCTCATTCTGGAGTTCCTGTCCAGCCCC
 TGGTGCTACGCTACCCAAACAAATTGGACACCATCACATGGACGTGGCAAGGACCTGGAGCGTTGAAAT
 CCTGTGGCTCACTCTGTGCCAGTTTCAAACCAAGTGGAAATTGAATTTCTGCCTGTGTATTGCCCTTCT
 GAAGAGGAGAAGAGGAATCCTGCCCTGTATGCCAGCAATGTGAGGCGTGTATGGCCAAGGCCCTGGGTG
 TCTCAGTAACCGACTATACATTTGAGGACTGCCAGTGGCTCTGGCAGAAGGACAACCTTCGTTGCTGCTG
 TGACACCTGCCTGCTAGAGTTTCCAGGCTTGTGAGGGCCTCGGACTAAAACCGAAAAATCTTGAAAAA
 GATCTAGACAAATATTCAGAAAGTCCGAGGATGAAGAGAGGAGAGAAAAATCCGCCTTCCAGAGTTTCCGG
 CCTACTTGAAGTTCCTGTCTCAGATGCATGGAAGACATGTTCTCGCTTTTTGACGAGAGTGGTGGTGG
 TGAGATTGACCTTCGTGAATATGTGGTGCCTTGTCTGTGGTGTGCAGGCCATCCAGACCTTAGCCACC
 ATCCAGCTGGCATTCAAGATGTACGGATCTCCTGAGGATGGCAGCATAGATGAGGCCAACCTGCTCTGCA
 TCCTCAAGACTGCACTGGGTGTATCAGAATTAACAGTACCGACTTGTCCAGGCTATTGACCAAGAGGA
 CAAGGGAAGAATCACCTTTGATGACTTCTGCGGGTTTGCAGAAATGTACCCCGACTACGCAGAGGACTAC
 TTGTACCCTGATCAGACACATTTGACAGCTGTGCACAGACACCCCGACCAACTCCCAATGGCTTCT
 GCATTGACTTCAGCCCTGAGAACTCAGACTTTGGGAGAAAGAATCTTGTGAAGAAAGCGGAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MRLRGRGPRAAPSSSSGAGDARRLAPPGRNPFVHELRLSALQKAQVAFMTLTLFPIRLLFAAFMMLLAWP
 FALLASLGPPDKEPEQPLALWRKVDFLLKAIMRTMWFAGGFHRVAVKGRQALPTEAAILTLAPHSSYFD
 AIPVTMTMSSIVMKAESRDIPIWGTILIRYIRPVFVSRSDQDSRRKTVEEIKRRAQSNGKWPQIMIFPEGT
 CTNRTCLITFKPGAFIPGVPVQPVVLRYPNKLDITWTWQGGALKILWLTLCQFQNVQIEFLPVYCP
 EEEKRNPAALYASNVRRVMKALGVSVDYTFEDCQLALAEQLRLPADTCLLEFARLVRGLGLKPKENLEK
 DLDKYESARMKRGEKIRLPEFAAYLEVPVSDALEDMFSLFDESNGGEIDLREYVVALSVVCRPSQTLAT
 IQLAFKMYGSPEDGSIDEANLSCILKTALGVSELTVDLQFAIDQEDKGRITFDDFCGFAEMYPDYAEDY
 LYPDQTHFDSCAQTTPAPTNGFCIDFSPENSDFGRKNSCKKAD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_145376

ORF Size:

1602 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_145376.5</u>
RefSeq Size:	1605 bp
RefSeq ORF:	1605 bp
Locus ID:	210992
UniProt ID:	<u>Q3TFD2</u>
Cytogenetics:	13 C1
MW:	60.2 kDa