

Product datasheet for **RC200168A1V**

Human Acyltransferase like 1 (LPCAT2) (NM_017839) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Acyltransferase like 1 (LPCAT2) (NM_017839) AAV Particle
Tag:	Myc-DDK
Symbol:	Acyltransferase like 1
Synonyms:	AGPAT11; AYTL1; LysoPAFAT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200168 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGCCGGTGCGCCAGGCGGCGGAAGTGGCGGCCACAGTGCCAGGTGCCGGCGTCGGGAACGTGGGGC
 TCGGGCGCCCATGGTGCCTCGTCAGGCGTCCTTCTTCCGCGCCGGTGCCGAACCCCTTCGTGCAGCA
 GACGCAGATCGGCTCCGCGAGGCGGGTCCAGATTGCTCTTCTTGGGATTATCTTGCTTCAATTCGTGTC
 TTATTGGTTGCGTTAATTTTACTTGCATGGCCATTGCTGCAATTTCAACAGTATGCTGCTCTGAAA
 AGCTGACCCACCAATAACTGGTTGGAGGAGGAAAATTACTCAACAGCTTTGAAATTTCTGGGTCGTGC
 TATGTTCTTTCAATGGGATTTATAGTTGCTGTAAAAGGAAAGATTGCAAGTCTTTGGAAGCACCAGTT
 TTTGTTGCTGCCCTCATTCAACATTCTTGATGGAATGCCTGTGTTAGCTGGGTTACCTTCTATGG
 TATCTCGAAATGAGAATGCACAAGTCCCTCTGATTGGCAGACTGTTACGGGCTGTGCAACCAAGTTTGGT
 GTCCCGTGTAGATCCGATTCCGAAAAACACAATAAATGAAATAATAAGCGAACAACATCAGGAGGA
 GAATGGCCCCAGATACTAGTTTTCCAGAAAGTACTTGTACTAATCGTTCCTGTTGATTACTTTTAAAC
 CAGGAGCCTTCATTCCAGGAGTCCAGTGCAGCCAGTCCCTCTCAGATACCCAAACAAGCTGGATACTGT
 GACCTGGACATGGCAAGGATATACATTCATTACGCTTTGTATGCTTACTTTCTGCCAGCTCTTCAAAAG
 GTAGAAGTTGAGTTTATGCCAGTTCAAGTACCAATGATGAAGAAAAAATGATCCTGTCTTTTGCCA
 ATAAAGTCCGGAATTTAATGGCAGAAGCTCTGGGAATACCAGTAACAGATCATACCTATGAAGACTGCAG
 ATTGATGATTTTCAAGCAGGACAGCTAACATTGCCTATGGAAGCTGGGCTGGTGGAAATTTACTAAATAGC
 CGAAAAATTGAAATTAGATTGGGATGGTGTTCGTAAGCATTGGATGAATATGCATCTATTGCGAGTTCCT
 CAAAAGGAGGAAGAATTGGAATTGAAGAATTCGCAAGTATTTAAAGTTGCCTGTTTCAGATGTCTTGAG
 ACAACTTTTTGCACTCTTTGACAGGAACCATGATGGCAGCATTGACTCCGAGAGTATGTGATTGGCCTG
 GCTGTCTTGTGAACCTTCCAACACAGAGGAGATCATCCAGGTGGCATTAAAGCTGTTTGACGTTGATG
 AGGATGGCTACATAACGGAGGAAGAGTTCTCCACCATTCTACAGGCTTCCTTGGAGTGCCTGACCTTGA
 TGTTTCTGGTCTCTTCAAGGAAATAGCCCAAGGGGACTCAATTCCTATGAGGAATTTAAAGTTTGGC
 TTAAAGCATCCAGAATATGCTAAGATATTTACAACATACCTAGACCTCCAGACGTGCCATGTGTTTTCAT
 TACCAAAAGAAGTCCAGACAACCCCTCCACCGCCAGTAATAAAGTCAGCCCTGAAAAGCATGAAGAGAG
 TACCTCAGACAAAAAAGATGAC

ACGCGTACGCGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200168 protein sequence
 Red=Cloning site Green=Tags(s)

MSRCAQAAEVAATVPAGVGNVGLRPPMVPRQASFFPPPVPNPFVQQTQIGSARRVQIVLLGIILLPIRV
 LLVALILLAWPFAAISTVCCPEKLTHPITGWRRKITQTALKFLGRAMFFSMGFIVAVKGKIASPLEAPV
 FVAAPHSTFFDGIACVVAGLPSMVSRENAQVPLIGRLLRAVQPVLVSRVDPDSRKNTINEIIRKRTSGG
 EWPQILVFPEGTCTNRSLITFKPGAFIPGVVPQVLLRYPNKLDTVTWTWQGYTFIQLCMLTFCQLFTK
 VEVEFMPVQVPNDEEKNDPVLFANKVRNLMAEALGIPVTDHTYEDCRLMISAGQLTLPMEAGLVEFTKIS
 RKLKLDWDGVRKHLDEYASIASSSKGGRIIEEFKYLKLPVSDVLRQLFALFDRNHDGSIDFREYVIGL
 AVLCPNSNTETIIQVAFKLFVDDEDGYITEEFSTILQASLGVPDLVSGLFKEIAQGDSISYEFEKSF
 LKHPEYAKIFTTYLDLQCHVSLPKEVQTPSTASNKVSPEKHEESTSDKKDD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_017839

ORF Size:	1632 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_017839.3</u>
RefSeq Size:	5395 bp
RefSeq ORF:	1635 bp
Locus ID:	54947
UniProt ID:	<u>Q7L5N7</u>
Cytogenetics:	16q12.2
MW:	60.2 kDa