

Product datasheet for **RC205708A1V**

Human Adipose Triglyceride Lipase (PNPLA2) (NM_020376) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Adipose Triglyceride Lipase (PNPLA2) (NM_020376) AAV Particle
Tag:	Myc-DDK
Symbol:	Adipose Triglyceride Lipase
Synonyms:	1110001C14Rik; ATGL; FP17548; iPLA2zeta; PEDF-R; TTS-2.2; TTS2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC205708 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTTTCCCCGCGAGAAGACGTGGAACATCTCGTTCGCGGGCTGCGGCTTCCTCGGCGTCTACTACGTCG
 GCGTGGCTCCTGCCTCCGCGAGCACGCGCCCTTCCTGGTGGCAACGCCACGCACATCTACGGCGCCTC
 GGCCGGGGCGCTCAGGCCACGCGCTGGTACCGGGGTCTGCCTGGGTGAGGCTGGTGCCAAGTTCATT
 GAGGTATCTAAAGAGGCCCGGAAGCGGTTCTGGGCCCCCTGCACCCCTCCTTCAACCTGGTAAAGATCA
 TCCGAGTTTCTGCTGAAGGTCTGCCTGCTGATAGCCATGAGCATGCCAGTGGGCGCTGGGCATCTC
 CCTGACCCGCGTGTGAGCGGCGAGAATGTCTATATCCCACTTCAACTCAAGGACGAGCTCATCCAG
 GCCAATGTCTGACGCGTTTCATCCCGTGTACTGTGGGCTCATCCCTCCCTCCCTCCAGGGGTGCGCT
 ACGTGGATGGTGGCATTTCAGACAACCTGCCACTCTATGAGCTTAAGAACCACATCAGTGTCCCCCTT
 CTCGGGCGAGAGTGACATCTGTCCGAGGACAGCTCCACCAACATCCAGAGCTGCGGGTCACCAACACC
 AGCATCCAGTTCAACCTGCGCAACCTCTACCGCTCTCCAAGGCCCTTTCCTCCGCGGAGCCCTGGTGC
 TGCGAGAGATGTGCAAGCAGGGATACCGGGATGGCCTGCGCTTCTGCGAGCGAAGCGGCTCCTGAACCG
 GCCCAACCCCTTGTGCGGTTGCCCCCGCCCGCCCGCCACGGCCAGAGGACAAGGACAGGAGTGGAG
 AGCGCCCAAGCGGAGGATTACTCGCAGCTGCCGGGAGAAGATCACATCTGGAGCACCTGCCCGCCCGGC
 TCAATGAGGCCCTGCTGGAGGCTGCGTGGAGCCACGGACCTGCTGACCACCTCTCCAACATGCTGCC
 TGTGCTGTGGCCACGGCCATGATGGTGCCTACACGCTGCCGCTGGAGAGCGCTCTGTCTTACCATC
 CGTTGCTGGAGTGGCTGCCCCGACGTTCCCGAGGACATCCGGTGGATGAAGGAGCAGACGGGACGATCT
 GCCAGTACCTGGTGTGCGCGCAAGAGGAAGCTGGGACGGACCTGCCCTCAGGCTGCCGGAGCAGGT
 GGAGCTGCGCCCGCTCCAGTCCGTGCGTCCGTGCGGCTGTCTGCGCCGCTACAGAGAGGCACTGCC
 GGCTGGATGCGCAACAACCTCTCGCTGGGGACGCGCTGGCAAGTGGGAGGAGTGCCAGCGCCAGCTGC
 TGCTCGGCTCTTCTGCACCAACGTGGCCTTCCCGCCGAAGCTCTGCGCATGCGCGACCCGCCGACCC
 GGCTCCCGCCCCCGGGACCCAGCATCCCCGAGCACCAGCTGGCCGGGCTGCCCTTGTGTGAGCACC
 CCTGCTCCGAGGCCCGGCCGTGATCGGGGCTGGGCTG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205708 protein sequence
 Red=Cloning site Green=Tags(s)

MFPREKTWNISFAGCGFLGVYVGVASCLREHAPFLVANATHIYGASAGALTATALVTGVCLGEAGAKFI
 EVSKEARKRFLGPLHPSFNLVKIIRSFLLKVLPAJSHEHASGRLGISL TRVSDGENVIISHFNKDEL IQ
 ANVCSGFIPVYGLIPPSLQGVRYVDGGISDNLPLYELKNTITVSPFSGESDIPQDSSTNIHELRTNT
 SIQFNLRNL YRLSKALFPPEPLVLREMCKQGYRDGLRFLQRNGLLNRPNPLALPPARPHGPEDKQAVE
 SAQAEDYSQLPGEDHILEHLPARLNEALLEACVEPTDLLTTLNMLPVRLATAMMPYTLPLESALSFTI
 RLLEWLDPVPEDIRWMKEQTGSICQYLVMRAKRLGRHLPSRLPEQVELRRVQSLPSVPLSCAAYREALP
 GWMRNNLSLGDALAKWEECQRQLLLGLFCTNVAFPPEALRMRAPADPAPADPASPQHLGAPALLST
 PAPEARPVIGALGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_020376

ORF Size:

1512 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_020376.2, NP_065109.1</u>
RefSeq Size:	2443 bp
RefSeq ORF:	1515 bp
Locus ID:	57104
UniProt ID:	<u>Q96AD5</u>
Cytogenetics:	11p15.5
MW:	55.3 kDa