

Product datasheet for **RC212244A1V**

Human PGC1 alpha (PPARGC1A) (NM_013261) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PGC1 alpha (PPARGC1A) (NM_013261) AAV Particle
Tag:	Myc-DDK
Symbol:	PPARGC1A
Synonyms:	LEM6; PGC-1(alpha); PGC-1alpha; PGC-1v; PGC1; PGC1A; PPARGC1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212244 representing NM_013261
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGTGGGACATGTGCAACCAAGGACTCTGAGTCTGTATGGAGTGACATCGAGTGTGCTGCTCTGGTTG
 GTGAAGACCAGCCTCTTTGCCAGATCTTCTGAACCTTGATCTTTCTGAACTAGATGTGAACGACTTGGA
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 GCGAAGATGAAAGTGATAAACTGAGCTACCTTGGGATGGCACACAATCTATTATTGTTCAATGTGTC
 TCCTTCTTGTCTTCTTTAACTCTCCATGTAGAGATTCTGTGTACACCCCAAATCCTATTTTCTCAA
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 CGGCCCAGGTATGACAGCTACGAGGAATATCAGCACGAGAGGCTGAAGAGGGAAGAATATCGCAGAGAGT
 ATGAGAAGCGAGAGTCTGAGAGGGCCAAGCAAAGGGAGAGGCAGAGGCAGAAGGCAATTGAAGAGCGCCG
 TGTGATTTATGTCGGTAAAAATCAGACCTGACACAACACGGACAGAAGTGAAGGACCGTTTTGAAGTTTTT
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 TTTGACCTGCTTCCACCAAGAGCAAGTATGACTCTCTGGATTTTGATAGTTTACTGAAAGAAGCTCAGA
 GAAGCTTGCGCAGG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC212244 representing NM_013261 Red=Cloning site Green=Tags(s) MAWDMCNQDSESVWSDIECAALVGEDQPLCPDLPELDLSELDVNDLDTDSFLGGLKWCSDQSEIISNQYN NEPSNIFEKIDEENEANLLAVLTETLDSLVPDEDGLPSFDALTDGVTTDNEASPSSMPDGTTPPQEAEE PSLLKKLLAPANTQLSYNECSGLSTQNHANHNHRTNPAIVKTENSWSNKAKSICQQQKQRRPCSEL LKYLTTNDPPHTKPTENRNSSRDCKTSKKKSHTQSQSQHLQAKPTTLLPLTPESPNDPKGSPFENKTI ERTLSVELSGTAGLTPPTTPPHKANQDNPFRAAPKLSCKTVPVPPSKKPRYSESSGTQGNNSKKGPE QSELYAQLSKSSVLTTGGHEERKTKRPSLRLFGDHDYCSINSKTEILINISQELQDSRQLENKDVSSDWQ GQICSSTDSDQCYLRETLEASKQVSPCSTRKQLQDQEIARAEINKEHFGHPSQAVFDDEADKTSELRDSDFS NEQFSKLPMTINSGLAMDGLFDDSEDESKLSYPWDGTQSYSLFNVSPSCSSFNSPCRDVSPPKSLFSQ RPQMRSRSRFSRHRCSRSPYSRSPGSRSSRSCYSSHYRHRTHRSPLVYRSRSPYSR RPRYDSYEEYQHERLKREEYRREYEKRESERAKQERQQAIEERRVIYVGKIRPDTTRELDRFEVF GEIEECTVNLRDDGDSYGFITYRYTCDFAALENGYTLRRSNETDFELYFCGRKQFFKSNYADLDSNSDD FDPASTKSKYDSLDFDLSLLKEAQRSLRR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_013261
ORF Size:	2394 bp
Buffer:	PBS with 0.001% Pluronic F6850
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:	NM_013261.2
RefSeq Size:	6317 bp
RefSeq ORF:	2397 bp
Locus ID:	10891
UniProt ID:	Q9UBK2
Cytogenetics:	4p15.2
MW:	90.8 kDa