

Product datasheet for **RC216237A1V**

Human PPAR alpha (PPARA) (NM_001001928) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PPAR alpha (PPARA) (NM_001001928) AAV Particle
Tag:	Myc-DDK
Symbol:	PPAR alpha
Synonyms:	hPPAR; NR1C1; PPAR; PPAR-alpha; PPARalpha
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216237 representing NM_001001928
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTGGACACGAAAGCCCACTCTGCCCCCTCTCCCACTCGAGGCCGGCGATCTAGAGAGCCCGTTAT
 CTGAAGAGTTCCTGCAAGAAATGGGAAACATCCAAGAGATTCGCAATCCATCGGCGAGGATAGTTCTGG
 AAGCTTTGGCTTTACGGAATACCAAGTATTTAGGAAGCTGTCTGGCTCAGATGGTCGGTCATCACGGAC
 ACGCTTTCACCAGCTTCGAGCCCTCCTCGGTGACTTATCCTGTGGTCCCGGCAGCGTGGACGAGTCTC
 CCAGTGGAGCATTGAACATCGAATGTAGAATCTGCGGGGACAAGGCCCTCAGGCTATCATTACGGAGTCCA
 CGCGTGTGAAGGCTGCAAGGCTTCTTTGCGCAACGATTGACTCAAGCTGGTGTATGACAAGTGCAC
 CGCAGCTGCAAGATCCAGAAAAAGAACAGAAACAATGCCAGTATTGTCGATTCACAAGTGCCTTTCTG
 TCGGGATGTCACACAACGCGATTGTTTTGGACGAATGCCAAGATCTGAGAAAGCAAACTGAAAGCAGA
 AATTCTTACCTGTGAACATGACATAGAAGATTCTGAAACTGCAGATCTCAAATCTCTGGCCAAGAGAATC
 TACGAGGCCTACTTGAAGAACTCAACATGAACAAGGTCAAAGCCCGGTCATCCTCTCAGGAAAAGGCCA
 GTAACAATCCACCTTTTGTATACATGATATGGAGACTGTGTATGGCTGAGAAGACGCTGGTGGCCAA
 GCTGGTGGCAATGGCATCCAGAACAAGGAGGCGGAGGTCCGCATCTTCACTGCTGCCAGTGCACGTCA
 GTGGAGACCGTACGGAGCTCACGGAATTCGCCAAGGCCATCCAGGCTTCGAAACTTGGACCTGAACG
 ATCAAGTGACATTGCTAAAATACGGAGTTTATGAGGCCATATTCGCCATGCTGTCTTCTGTGATGAACAA
 AGACGGATGCTGGTAGCGTATGGAATGGGTTTAACTCGTGAATTCCTAAAAAGCCTAAGGAAACCG
 TTCTGTGATATCATGGAACCAAGTTTATTTGCCATGAAGTCAATGCACTGGAAGTGGATGACAGTG
 ATATCTCCCTTTTGTGGCTGTATCATTGCTGTGGAGATCGTCTGGCCTTCAAACGTAGGACACAT
 TGAAAAAATGCAGGAGGTTATTGTACATGTGCTCAGACTCCACCTGCAGAGCAACCACCGGACGATATC
 TTTCTTCCCAAACTTCTTCAAAAAATGGCAGACCTCCGGCAGCTGGTGCAGGAGCATGCGCAGCTGG
 TGCAGATCATCAAGAAGACGGAGTCGGATGCTGCGCTGCACCCGCTACTGCAGGAGATCTACAGGGACAT
 GTAC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC216237 representing NM_001001928
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MVDTESPLCPLSPLSLEAGDLESPLSEEFLEQEMGNIQEISQSIGEDSSGSFGFTEYQYLGSCPGSDGSVITD
 TLSPASSPSSVTYPVPGSVDESPPSALNIECRICGDKASGYHYGVHACEGCKGFFRRTIRLKLVDKCD
 RSCKIQKKNRNCQYCRFHKCLSVGMSHNAIRFGRMPREKAKLKAELTCEHDIEDSETADLKSLAKRI
 YEAYLKNFNMNVKARVILSGKASNNPPFVIHDMETLCMAEKTAVAKLVANGIQNKEAEVRIHFCCQCTS
 VETVTELETEFAKAIIPGFANLDLNDQVTLKYGVEAIFAMLSVMNKDGMVAYGNGFITREFLKLRLKP
 FCDIMEPKFDFAMKFNALDSDISLFAAIIICGDRPGLLNVGHIEKMQEIVHVLRLHLQSNHPDDI
 FLFPKLLQKMADLRQLVTEHAQLVQIIKKTESDAALHPLLQEIYRDMY

SGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001001928

ORF Size:

1404 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_001001928.2</u>
RefSeq Size:	9965 bp
RefSeq ORF:	1407 bp
Locus ID:	5465
UniProt ID:	<u>Q07869</u>
Cytogenetics:	22q13.31
MW:	52 kDa