

Product datasheet for **RC205890A1V**

Human Aromatase (CYP19A1) (NM_000103) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Aromatase (CYP19A1) (NM_000103) AAV Particle
Tag:	Myc-DDK
Symbol:	Aromatase
Synonyms:	ARO; ARO1; CPV1; CYAR; CYP19; CYPXIX; P-450AROM
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205890 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGTTTTGGAATGCTGAACCCGATACATTATAACATCACCAGCATCGTGCCTGAAGCCATGCCTGCTG
 CCACCATGCCAGTCCTGCTCCTCACTGGCCTTTTTCTCTTGGTGGAATTATGAGGGCACATCCTCAAT
 ACCAGGTCCTGGCTACTGCATGGGAATTGGACCCCTCATCTCCACGGCAGATTCTGTGGATGGGGATC
 GGCAGTGCCTGCAACTACTACAACCGGGTGTATGGAGAATTCATGCGAGTCTGGATCTCTGGAGAGGAAA
 CACTCATTATCAGCAAGTCCTCAAGTATGTTCCACATAATGAAGCACAATCATTACAGCTCTCGATTGCG
 CAGCAAACCTGGGCTGCAGTGCATCGGTATGCATGAGAAAGGCATCATATTTAACAACAATCCAGAGCTC
 TGGAAAACAACCTCGACCCTTCTTTATGAAAGCTCTGTCAGGCCCGGCCCTTGTTCGTATGGTCACAGTCT
 GTGCTGAATCCCTCAAAACACATCTGGACAGGTTGGAGGAGGTGACCAATGAATCGGGCTATGTGGACGT
 GTTGACCTTCTGCGTCGTGTCATGCTGGACACCTCTAACACGCTCTTCTTGAGGATCTCTTTGGACGAA
 AGTGCTATCGTGGTTAAATCCAAGGTTATTTTGATGCATGGCAAGCTCTCTCATCAAACCAGACATCT
 TCTTTAAGATTCTTGGCTATACAAAAAGTATGAGAAGTCTGTCAAGGATTTGAAAGATGCCATAGAAGT
 TCTGATAGCAGAAAAAGACGCAGGATTTCCACAGAAGAGAACTGGAAGAATGTATGGACTTTGCCACT
 GAGTTGATTTTAGCAGAGAAACGTGGTGACCTGACAAGAGAGAATGTGAACCAAGTGCATATTGAAATGC
 TGATCGCAGCTCCTGACACCATGTCTGTCTCTTGTCTTTCATGCTATTTCTCATTGCAAAGCACCTAA
 TGTTGAAGAGGCAATAATAAAGGAAATCCAGACTGTTATTGGTGAGAGAGACATAAAGATTGATGATATA
 CAAAAATTAAGTATGAGAAACTTCATTTATGAGAGCATGCGGTACCAGCCTGTCGTGGACTTGGTCA
 TGGCGAAAGCCTTAGAAGATGATGTAATCGATGGCTACCCAGTGAAAAAGGGGACAAACATTATCCTGAA
 TATTGGAAGGATGCACAGACTCGAGTTTTTCCCAAACCAATGAATTTACTCTTGAAAATTTTGCAAAG
 AATGTTCTTATAGGTACTTTACGCCATTTGGCTTTGGCCCCGTGGCTGTGCAGGAAAGTACATCGCCA
 TGGTGATGATGAAAGCCATCCTCGTTACACTTCTGAGACGATTCCACGTGAAGACATTGAAGGACAGTG
 TGTTGAGAGCATACAGAAGATACACGACTTGTCTTGCACCCAGATGAGACTAAAAACATGCTGGAATG
 ATCTTTACCCCAAGAACTCAGACAGGTGTCTGGAACAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205890 protein sequence
 Red=Cloning site Green=Tags(s)

MVLEMLNPIHYNITSIVPEAMPAATMPVLLLTGLFLLVWNYEGTSSIPGPYCMGIGPLISHGRFLWMGI
 GSACNYNRYVGEFMRVWISGEETLIISKSSSMFHIMKHNYSSRFGSKLGLQCIGMHEKGIIFNNNP
 WKTRPFFMKALSGPGLVRMTVCAESLKLHDLRLLEVTNESGYVDVLTLLRRVMDTSNTLFLRISLDE
 SAIVVKIQGYFDAWQALLIKPDIFFKISWLKKYEKSVKDLKDAIEVLIAEKRRRISTEEKLEECMDFAT
 ELILAERKRDLTRENVNQCILEMLIAAPDTMSVSLFFMLFLIAKHPNVEEAIKEIQTVIGERDIKIDDI
 QKLKVMENFIYESMRYQPVDLVMRKALEDDVIDGYPVKGTNIILNIGMRHLEFFPKPNEFTLENFAK
 NVPYRYFPFGFGRGCAGKYIAMVMMKAILVTLLRRFHVKTLLQGQCVESIQKIHDLSLHPDETKNMLEM
 IFTPRNSDRCLEH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000103

ORF Size:

1509 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_000103.2</u>
RefSeq Size:	4422 bp
RefSeq ORF:	1512 bp
Locus ID:	1588
UniProt ID:	<u>P11511</u>
Cytogenetics:	15q21.2
MW:	57.9 kDa