

Product datasheet for **RC221358A1V**

Human Aromatase (CYP19A1) (NM_031226) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Aromatase (CYP19A1) (NM_031226) 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)



[View online »](#)

ORF Nucleotide Sequence:

>RC221358 representing NM_031226
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGTTTTGGAATGCTGAACCCGATACATTATAACATCACCAGCATCGTGCCTGAAGCCATGCCTGCTG
 CCACCATGCCAGTCCTGCTCCTCACTGGCCTTTTTCTCTTGGTGTGGAATTATGAGGGCAGATCCTCAAT
 ACCAGGTCCTGGCTACTGCATGGGAATTGGACCCCTCATCTCCACGGCAGATTCTGTGGATGGGGATC
 GGCAGTGCCTGCAACTACTACAACCGGTATATGGAGAATTCATGCGAGTCTGGATCTCTGGAGAGGAAA
 CACTCATTATCAGCAAGTCCTCAAGTATGTTCCACATAATGAAGCACAATCATTACAGCTCTCGATTGCG
 CAGCAAACCTGGGCTGCAGTGCATCGGTATGCATGAGAAAGGCATCATATTTAACAACAATCCAGAGCTC
 TGGAAAACAACCTCGACCCTTCTTTATGAAAGCTCTGTCAGGCCCGGCCCTTGTTCGTATGGTCACAGTCT
 GTGCTGAATCCCTCAAAACACATCTGGACAGGTTGGAGGAGGTACCAATGAATCGGGCTATGTGGACGT
 GTTGACCTTCTGCGTGTGTCATGCTGGACACCTCTAACACGCTCTTCTGAGGATCCCTTTGGACGAA
 AGTGCTATCGTGGTTAAATCCAAGGTTATTTTGATGCATGGCAAGCTCTCTCATCAAACAGACATCT
 TCTTTAAGATTCTTGGCTATACAAAAAGTATGAGAAGTCTGTCAAGGATTTGAAAGATGCCATAGAAGT
 TCTGATAGCAGAAAAAGACGCAGGATTTCCACAGAAGAGAACTGGAAGAATGTATGGACTTTGCCACT
 GAGTTGATTTAGCAGAGAAACGTGGTGACCTGACAAGAGAGAATGTGAACCAAGTGCATATTGGAATGC
 TGATCGCAGCTCCTGACACCATGTCTGTCTCTTGTCTTCTCATGCTATTTCTCATTGCAAAGCACCCTAA
 TGTTGAAGAGGCAATAATAAAGGAAATCCAGACTGTTATTGGTGAGAGAGACATAAAGATTGATGATATA
 CAAAAATTAAGTATGGAAGAACTTCATTTATGAGAGCATGCGGTACCAGCCTGTCGTGGACTTGGTCA
 TGGCGAAAGCCTTAGAAGATGATGTAATCGATGGCTACCAAGTAAAAAGGGGACAAACATTATCCTGAA
 TATTGGAAGGATGCACAGACTCGAGTTTTTCCCAAACCAATGAATTTACTCTTGAAAATTTTGCAAAG
 AATGTTCTTATAGGTACTTTACGCCATTTGGCTTTGGCCCCGTGGCTGTGCAGGAAAGTACATCGCCA
 TGGTGATGATGAAAGCCATCCTCGTTACACTTCTGAGACGATTCCACGTGAAGACATTGAAGGACAGTG
 TGTTGAGAGCATACAGAAGATACACGACTTGTCTTGCACCCAGATGAGACTAAAAACATGCTGGAATG
 ATCTTTACCCCAAGAACTCAGACAGGTGTCTGGAACAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC221358 representing NM_031226
 Red=Cloning site Green=Tags(s)

MVLEMLNPIHYNITSIVPEAMPAATMPVLLLTGLFLLVWNYEGTSSIPGPYCMGIGPLISHGRFLWMGI
 GSACNYNRYVGEFMRVWISGEETLIISKSSSMFHIMKHNYSSRFGSKLGLQCIGMHEKGIIFNNNP
 WKTRPFFMKALSGPGLVRMTVCAESLKLHDLRLLEVTNESGYVDVLTLLRRVMDTSNTLFLRIPLDE
 SAIVVKIQGYFDAWQALLIKPDIFFKISWLKKYEKSVKDLKDAIEVLIAEKRRRISTEEKLEECMDFAT
 ELILAERKRDLTRENVNQCILEMLIAAPDTMSVSLFFMLFLIAKHPNVEEAIKEIQTVIGERDIDDI
 QKLKVMENFIYESMRYQPVVDLVMRKALEDDVIDGYPVKGTNIILNIGMRHLEFFPKPNEFTLENFAK
 NVPYRYFPQFGFGRGCAGKYIAMVMMKAILVTLLRRFHVKTLLQGQCVESIQKIHDLSLHPDETCKNMLEM
 IFTPRNSDRCLEH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_031226

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_031226.1</u>
RefSeq Size:	3116 bp
RefSeq ORF:	1512 bp
Locus ID:	1588
UniProt ID:	<u>P11511</u>
Cytogenetics:	15q21.2
MW:	57.7 kDa