

Product datasheet for **RC211377A1V**

Human Cytochrome p450 2C19 (CYP2C19) (NM_000769) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Cytochrome p450 2C19 (CYP2C19) (NM_000769) AAV Particle
Tag:	Myc-DDK
Symbol:	Cytochrome p450 2C19
Synonyms:	CPCJ; CYP2C; CYPIIC17; CYPIIC19; P450C2C; P450IIC19
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC211377 representing NM_000769
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATCCTTTTGTGGTCTTGTGCTCTGTCTCTCATGTTTGCTTCTCCTTTCAATCTGGAGACAGAGCT
 CTGGGAGAGGAAACTCCCTCCTGGCCCCACTCCTCTCCAGTGATTGGAATATCCTACAGATAGATAT
 TAAGGATGTCAGCAAATCCTTAACCAATCTCTCAAAAATCTATGGCCCTGTGTTCACTCTGTATTTTGGC
 CTGGAACGCATGGTGGTCTGCATGGATATGAAGTGGTGAAGGAAGCCCTGATTGATCTTGGAGAGGAGT
 TTTCTGGAAGAGGCCATTTCCCACTGGCTGAAAGAGCTAACAGAGGATTTGGAATCGTTTTTCAGCAATGG
 AAAGAGATGGAAGGAGATCCGGCGTTTTCCCTCATGACGCTGCGGAATTTGGGATGGGGAAGAGGAGC
 ATTGAGGACCGTGTCAAGAGGAAGCCCGCTGCCTTGTGGAGGAGTTGAGAAAAACCAAGGCTTCACCCCT
 GTGATCCCACTTTCATCCTGGGCTGTGCTCCCTGCAATGTGATCTGCTCCATTATTTCCAGAAACGTTT
 CGATTATAAAGATCAGCAATTTCTTAACCTTGATGGAAAAATTGAATGAAAACATCAGGATTGTAAGCACC
 CCCTGGATCCAGATATGCAATAATTTCCCACTATCATTGATTATTTCCCGGGAACCCATAACAAATTAC
 TAAAAACCTTGCTTTTATGAAAGTGATATTTGGAGAAAGTAAAAGAACCAAGAATCGATGGACAT
 CAACAACCTCGGGACTTTATTGATTGCTTCTCTGATCAAAATGGAGAAGGAAAAGCAAAACCAACAGTCT
 GAATCACTATTGAAAACCTGGTAATCACTGCAGCTGACTTACTTGGAGCTGGGACAGAGACAACAAGCA
 CAACCTGAGATATGCTCTCCTTCTCTGCTGAAGCACCAGAGGTACAGCTAAAGTCCAGGAAGAGAT
 TGAACGTGTCGTTGGCAGAAACCGGAGCCCTGCATGCAGGACAGGGGCCACATGCCCTACACAGATGCT
 GTGGTGCACGAGGTCCAGAGATACATCGACCTCATCCCCACCAGCCTGCCCATGCAGTACCTGTGACG
 TTAATTCAGAAACTACCTCATTCCCAAGGGCACAACCATATTAACCTCCCTCACTTCTGTGCTACATGA
 CAACAAAGAATGTCCCAACCCAGAGATGTTGACCCTCGTCACTTTCTGGATGAAGGTGGAAATTTTAAG
 AAAAGTAACTACTTCATGCCTTCTCAGCAGGAAAACGGATTTGTGTTGGAGAGGGCCTGGCCCGCATGG
 AGCTGTTTTTATTCTGACCTTCATTTTACAGAACTTTAACCTGAAATCTCTGATTGACCCAAAGGACCT
 TGACACAACCTCTGTTGTCAATGGATTTGCTTCTGTCCCGCCCTTCTATCAGCTGTGCTTCACTCTGCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC211377 representing NM_000769
 Red=Cloning site Green=Tags(s)

MDPFVVLVLCISLLLLSIWRQSSGRGKLP GPPTLPVIGNILQIDIKDVSLSL TNL SKIYGPVFTLYFG
 LERMVVLHGYEVVKEAL IDL GEEFSGRGHFPLAERANRFGIVFSNGKRWKEIRRFSLMTRLNRFMGKRS
 IEDRVQEEARCLVEELRKTASPCDPTFILGCAPCNVICSIIFQKRFDYKDQQLNLMEKLNENIRIVST
 PWIQCINNFPITIDYFPGTHNKLKLNLAFMESDILEKVKEHQESMDINNPRDFIDCFLIKMEKEKQNNQS
 EFTIENLVITAADLLGAGTETTSTTLRYALLLLKHPEVTAKVQEEIERVVGRNRSPCMQRGHMPYTD
 VVHEVQRYIDL IPTSLPHAVTCDVKFRNYLIPKGTIIL TSL TSVLHDNKECPNPEMFDPRHFLDEGGNFK
 KSNYFMPFSAGKRICVGEGLARMEFLFLTFILQFNLSLIDPKDLDTTPVVNGFASVPPFYQLCFIPV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000769

ORF Size:

1470 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_000769.1</u>
RefSeq Size:	1473 bp
RefSeq ORF:	1473 bp
Locus ID:	1557
UniProt ID:	<u>P33261</u>
Cytogenetics:	10q23.33
MW:	55.8 kDa