

Product datasheet for **RC207417A1V**

Human Cytochrome p450 2J2 (CYP2J2) (NM_000775) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Cytochrome p450 2J2 (CYP2J2) (NM_000775) AAV Particle
Tag:	Myc-DDK
Symbol:	Cytochrome p450 2J2
Synonyms:	CPJ2; CYP11J2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207417 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCTCGCGGCGATGGGCTCTCTGGCGGCTGCCCTCTGGGCAGTGGTCCATCCTCGGACTCTCCTACTGG
 GCACTGTCGCCTTTCTGCTCGCTGCTGACTTTCTCAAAAGACGGCGCCAAAGAAGTACCGCGCGGGCC
 CTGGCGCCTGCCCTTCTTGGCAACTTCTTCTGTGGACTTCGAGCAGTCGCACCTGGAGGTTCACTG
 TTTGTGAAGAAATATGGGAACCTTTTGTAGCTTGGAGCTTGGTGACATATCTGCAGTTCTTATTACTGGCT
 TGCCCTTAATCAAGAAGCCCTTATCCACATGGACCAAACTTTGGGAACCGCCCGTGACCCCTATGCG
 AGAACATATCTTAAAGAAAAATGGATTGATTATGTCAAGTGGCAGGCATGGAAGGAGCAAGAAGGTTT
 ACTCTGACAGCACTAAGGAATTTGGTTTAGGAAAGAAGAGCTTAGAGGAACGCATTAGGAGGAGGCCC
 AACACCTCACTGAAGCAATAAAGAGGAGAACGGACAGCCTTTTGACCCTCATTCAAGATCAACAATGC
 AGTTTCCAATATCATTTGCTCCATCACCTTCGGAGAAGCCTTTGAGTACCAGGATAGTTGGTTTCAGCAG
 CTGCTGAAGTTACTAGATGAAGTCACATACTTGGAGGCTTCAAAGACATGCCAGCTCTACAATGTCTTTC
 CATGGATAATGAATTCCTGCCTGGACCCACCAAACTCTCTCAGCAACTGGAAAAAAGTGAATTTGTT
 TGTTTCTCATATGATTGACAAACACAGAAAGGATTGGAATCCTGCAGAAACAAGAGACTTTATTGATGCT
 TACCTTAAAGAAATGTCAAAGCACACAGGCAATCTACTTCAAGTTTCCATGAAGAAAACCTCATCTGCA
 GCACCTTGACCTCTTCTTTGCCGGAACCGAGACAACCTCCACAACCTCTGCGATGGGCTCTGCTTTATAT
 GGCCCTCTACCCAGAAATCCAAGAAAAAGTACAAGCTGAGATTGACAGAGTATTGGCCAGGGGACAGCAG
 CCGAGCACAGCCGCGCGGAGTCCATGCCCTACACCAATGCTGTATCCATGAGGTGCAGAGAATGGGCA
 ACATCATCCCCCTGAACGTTCCAGGGAAGTACAGTTGATACCACTTTGGCTGGGTACCACTGCCCAA
 GGGTACCATGATCCTGACCAATTTGACGGCGCTGCACAGGGACCCACAGAGTGGGCCACCCCTGACACA
 TTCAATCCGACCATTTTCTGGAGAATGGACAGTTTAAAGAAAAGGGAAGCCTTTATGCCTTTCTCAATAG
 GAAAGCGGGCATGCCTCGGAGAACAGTTGGCCAGGACTGAGCTGTTTATTTTCTCACTTCCCTTATGCA
 AAAATTTACCTTACGGCCCCCAACAATGAGAAGCTGAGCCTGAAGTTTGAATGGGTATCACCATTTC
 CCAGTCAGTCACCGCCTCTGCGCTGTTCTCAGGTG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207417 protein sequence
 Red=Cloning site Green=Tags(s)

MLAAMGSLAAALWAVVHPRTLGLTVAFLAADFLKRRRPKNYPPGPWRLPFLGNFFLVDFEQSHLEVQL
 FVKYGNLFSLELGDISAVLITGLPLIKEALIHMDQNFGRNPVTPMREHIFKKNGLIMSSQAWKEQRRF
 TLALRNFLGKKSLEERIQEEAQLTEAIKEENGQPFDPHFKNNAVSNIICSITFERFEYQDSWFQQ
 LLKLLDEVTYLEASKTCQLYNVFPWIMKFLPGPHQTLFSNWKLLKLFVSHMIDKHKRDWNPAETRDIFA
 YLKEMSKHTGNPTSSFHEENLICSTLDLFFAGTETTSTTLRWALLYMALYPEIQEKVQAEIDRVIGQGQQ
 PSTAARESMYPYNAVIHEVQRMGNIIPLNVPREVTVDITLAGYHLPKGTMILTNLTALHRDPTWATPDT
 FNPDPHFLENGQFKKREAFMPFSIGKRACLGEQLARTELFIFFTSLMQKFTFRPPNNEKLSLKFRMGITIS
 PVSHRLCAVPQV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000775

ORF Size:

1506 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:	NM_000775.2
RefSeq Size:	1876 bp
RefSeq ORF:	1509 bp
Locus ID:	1573
UniProt ID:	P51589
Cytogenetics:	1p32.1
MW:	57.6 kDa