

Product datasheet for **RC222995A1V**

Human Cytochrome P450 2A6 (CYP2A6) (NM_000762) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Cytochrome P450 2A6 (CYP2A6) (NM_000762) AAV Particle
Tag:	Myc-DDK
Symbol:	Cytochrome P450 2A6
Synonyms:	CPA6; CYP2A; CYP2A3; CYP11A6; P450C2A; P450PB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC222995 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTGGCCTCAGGGATGCTTCTGGTGGCCTTGTGGTCTGCCTGACTGTGATGGTCTTGATGTCTGTTT
 GGCAGCAGAGGAAGAGCAAGGGGAAGCTGCCTCCGGGACCCACCCATTGCCCTTCATTGGAAACTACCT
 GCAACTGAACACAGAGCAGATGTACAACCTCCCTCATGAAGATCAGTGAGCGCTATGGCCCCGTGTTACCC
 ATTCACCTTGGGGCCCCGGCGGGTCTGTGGTGTGTGGACATGATGCCGTGAGGGAGGCTCTGGTGGACC
 AGGCTGAGGAGTTCAGCGGGCGAGGCGAGCAAGCCACCTTCGACTGGGTCTTCAAAGGCTATGGCGTGGT
 ATTCAGCAACGGGGAGCGCGCAAGCAGCTCCGGCGCTTCCATCGCCACCCTGCGGGACTTCGGGGT
 GGCAAGCGAGGCATCGAGGAGCGCATCCAGGAGGAGCGGGCTTCTCATCGACGCCCTCCGGGCACTG
 GCGGCGCAATATCGATCCACCTTCTCTGAGCCGCACAGTCTCCAATGTCATCAGCTCCATTGTCTT
 TGGGGACCGCTTTGACTATAAGGACAAAGAGTTCCTGTACTGTTGCGCATGATGCTAGGAATCTTCCAG
 TTCACGTCAACCTCCACGGGGCAGCTCTATGAGATGTTCTCTTCGGTGTAAACACCTGCCAGGACCAC
 AGCAACAGGCCTTTCAGTTGCTGCAAGGGCTGGAGACTTCATAGCCAAGAAGGTGGAGCACAACCAGCG
 TACGCTGGATCCCAATCCCCACGGGACTTCATTGACTCCTTCTCATCCGCATGCAGGAGGAGGAGAAG
 AACCCCAACACGGAGTTCTACTTGAAAACTGGTGTGACCACGTTGAACTCTTCATTGGGGGACCCG
 AGACCGTCAGCACCCCTGCGCTATGGCTTCTGTGCTCATGAAGCACCCAGAGGTGGAGGCCAAGGT
 CCATGAGGAGATTGACAGAGTATCGGCAAGAACCAGCCAGCCAAAGTTGAGGACCGGGCCAAGATGCC
 TACATGGAGGCAGTGATCCACGAGATCCAAAGATTTGGAGACGTGATCCCATGAGTTTGGCCCCGAGAG
 TCAAAAAGGACACCAAGTTTCGGGATTTCTTCTCCCTAAGGGCACCAAGTGTACCCTATGCTGGGCTC
 TGTGCTGAGAGACCCAGTTTCTTCTCCAACCCAGGACTTCAATCCCGCAGATTTCTGAATGAGAAG
 GGGCAGTTTAAGAAGAGTGATGCTTTTGTGCCCTTTTCCATCGAAAGCGGAAGTGTTCGGAGAAGGCC
 TGGCCAGAATGGAGCTCTTCTCTTCTTACCACCGTCATGCAGAACTCCGCCTCAAGTCTCCAGCTC
 ACCTAAGGACATTGACGTGTCCCCAACACGTGGGCTTTGCCACGATCCACGAAACTACACCATGAGC
 TTCTGCCCCGC

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC222995 protein sequence
 Red=Cloning site Green=Tags(s)

MLASGMLLVALLVCLTVMVMSVWQQRKSKGKLPPTPLPFIGNYLQLNTEQMYNSLMKISERYGPVFT
 IHLGPRRVVVLCGHDAVREALVDQAEFSGRGEQATFDWVFKGYGVVFSNGERAKQLRRFSIATLRDFGV
 GKRGIEERIQEEAGFLIDALRGTGGANIDPTFFLSRTVSNVISSIVFGDRFDYKDFLSLLRMMLGIFQ
 FTSTSTGQLYEMFSSVMKHLPGPQQQAFQLLQGLEDFIAKKVEHNQRTLDPNSPRDFIDSFLIRMQEEEK
 NPNTEFYLNLMVMTLLNLFIGGTETVSTTLRYGFLLLMKHPEVEAKVHEEIDRVIGKNRQPKFEDRAKMP
 YMEAVIHEIQRFQDVIPMSLARRVKKDTKFRDFFLPKGTEVYPMLGSVLRDPSFFSNPQDFNPQHFLNEK
 GQFKKSDAFVVPFSIGKRNCFEGELARMELFLFFTTVMQNFRLKSSQSPKIDIVSPKHVGFATIPRNYTMS
 FLPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000762

ORF Size:

1482 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_000762.4</u>
RefSeq Size:	1775 bp
RefSeq ORF:	1485 bp
Locus ID:	1548
UniProt ID:	<u>P11509</u>
Cytogenetics:	19q13.2
MW:	56.5 kDa