

Product datasheet for **RC221660A1V**

Human Cytochrome P450 2D6 (CYP2D6) (NM_001025161) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Cytochrome P450 2D6 (CYP2D6) (NM_001025161) AAV Particle
Tag:	Myc-DDK
Symbol:	Cytochrome P450 2D6
Synonyms:	CPD6; CYP2D; CYP2D7AP; CYP2D7BP; CYP2D7P2; CYP2D8P2; CYP2DL1; CYPIID6; P450-DB1; P450C2D; P450DB1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221660 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGCTAGAAGCACTGGTGCCCTGGCCATGATAGTGCCATCTTCCTGCTCCTGGTGGACCTGATGC
 ACCGGCGCCAACGCTGGGCTGCACGCTACCCACCAGGCCCTGCCACTGCCGGGCTGGGCAACCTGCT
 GCATGTGGACTTCCAGAACACACCATACTGCTTCGACCAGTTGCGGCGCCGCTTCGGGGACGTGTTACAG
 CTGCAGCTGGCCTGGACGCCGTGGTCGTGCTCAATGGGCTGGCGGCCGTGCGCGAGGCGCTGGTGACCC
 ACGGGGAGGACACCGCCGACCGCCCGCTGTGCCATCACCCAGATCCTGGGTTTCGGGCGCGTTCCCA
 AGGACGCCCTTCGCCCCAACGGTCTCTTGACAAAGCCGTGAGCAACGTGATCGCTCCCTCACCTGC
 GGGCGCCGCTTCGAGTACGACGACCCTCGTTCTCAGGCTGCTGGACCTAGCTCAGGAGGGACTGAAGG
 AGGAGTCGGGCTTCTGCGCGAGGTGCTGAATGCTGTCCCGTCTCTGCATATCCAGCGCTGGCTGG
 CAAGTCTACGTTCCAAAAGCTTCTGACCCAGCTGGATGAGCTGCTAACTGAGCAGAGGATGACC
 TGGGACCCAGCCAGCCCCCGAGACCTGACTGAGGCCTTCTGGCAGAGATGGAGAAGGCCAAGGGGA
 ACCCTGAGAGCAGCTTCAATGATGAGAACCTGTGCATAGTGGTGGCTGACCTGTTCTCTGCCGGGATGGT
 GACCACCTCGACCACGCTGGCCTGGGGCTCCTGCTCATGATCCTACATCCGGATGTGCAGCGCCGTGTC
 CAACAGGAGATCGACGACGTGATAGGGCAGGTGCGGCGACCAGAGATGGGTGACCAGGCTCACATGCCCT
 ACACCACTGCCGTGATTCATGAGGTGCAGCGCTTTGGGACATCGTCCCCTGGGTGTGACCCATATGAC
 ATCCCCTGACATCGAAGTACAGGGCTTCCGCATCCCTAAGGGAACGACACTCATCAACACCTGTCATCG
 GTGCTGAAGGATGAGGCCGTCTGGGAGAAGCCCTCCGCTTCCACCCGAACACTTCTGGATGCCCAGG
 GCCACTTTGTGAAGCCGAGGCCCTTCTGCCTTCTCAGCAGGCCCGCTGCATGCCTCGGGGAGCCCT
 GGCCCGCATGGAGCTTCTCTCTTCTTACCTCCCTGCTGCAGCACTTACAGCTTCTCGGTGCCACTGGA
 CAGCCCCGGCCAGCCACCATGGTGTCTTTGCTTCTGGTGACCCATCCCCCTATGAGCTTTGTGCTG
 TGCCCCG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Protein Sequence:

>RC221660 protein sequence
 Red=Cloning site Green=Tags(s)

MGLEALVPLAMIVAIIFLLLVDLMHRRQRWAARYPPGPLPLPGLGNLLHVDFQNTPYCFDQLRRRFGDVFS
 LQLAWTPVVVLNGLAAVREALVTHGEDTADRPPVPITQILGFGPRSQGRPFPRNGLLDKAVSNVIASLTC
 GRRFEYDDPRFLRLDLAQEGLKEESGFLREVLNAVPLVLLHIPALAGKVLRFQKAFLLQDELLETEHRMT
 WDPAPPRDLTEAFLAEMEKAKGNPESSFNDENLCIVVADLFSAGMVTSTTLAWGLLLMILHPDVQRRV
 QQEIDDVIGQVRRPEMGDQAHMPYTTAVIHEVQRFQDIVPLGVTHMSTRDIEVQGFRIKGTTLITNLSS
 VLKDEAVWEKPFRRHPEHFLDAQGHFVKPEAFLPFSAGRRACLGEPLARMELFLFFTSLLQHFVSFVPTG
 QPRPSHHGVFAFLVTPSPYELCAVPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001025161

ORF Size:

1338 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_001025161.1</u>
RefSeq Size:	1520 bp
RefSeq ORF:	1341 bp
Locus ID:	1565
UniProt ID:	<u>P10635</u>
Cytogenetics:	22q13.2
MW:	50.1 kDa