

Product datasheet for **RC205446A1V**

Human CYP46 (CYP46A1) (NM_006668) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CYP46 (CYP46A1) (NM_006668) AAV Particle
Tag:	Myc-DDK
Symbol:	CYP46
Synonyms:	CP46; CYP46
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC205446 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCCCCGGGCTGCTGCTGCTCGGCAGCGCCGTCCTGCTCGCCTTCGGCCTCTGCTGCACCTTCGTGC
 ACCGCGCTCGCAGCCGCTACGAGCACATCCCCGGGCGCGCGGCCAGTTTCCTTCTAGGACACCTCCC
 CTGCTTTTGGAAAAAGGATGAGTTGGTGGCCGTGTGCTCCAAGATGTGTTTTGGATTGGGCTAAGAAG
 TATGGACCTGTTGTGCGGGTCAACGTCTCCACAAAACCTCAGTCATCGTCACGAGTCTGAGTCGGTTA
 AGAAGTTCTGATGTCAACCAAGTACAACAAGGACTCCAAGATGTACCGTGCCTCCAGACTGTGTTTG
 TGAGAGACTCTTCGGCCAAGGCTTGGTGTCCGAATGCAACTATGAGCGCTGGCACAAGCAGCGGAGATC
 ATAGACCTGGCCTTCAGCCGAGCTCCTTGGTTAGCTTAATGGAACATTCAACGAGAAGGCTGAGCAGC
 TGGTGGAGATTCTAGAAGCCAAGGCAGATGGGCAGACCCAGTGTCCATGCAGGACATGCTGACCTACAC
 CGCCATGGACATCCTGGCCAAGGCAGCTTTTGGGATGGAGACCAGTATGCTGCTGGGTGCCAGAAGCCT
 CTGTCCAGGCAGTGAACTTATGTTGGAGGGAATCACTGCGTCCCGCAACACTTGGCAAAGTTCTGTC
 CAGGGAAGAGGAAGCAGCTCCGGGAGGTCCGGGAGAGCATTGCTTCCTGCGCCAGGTGGGCAGGACTG
 GGTCCAGCGCCGCCGGGAAGCCCTGAAGAGGGGCGAGGAGTTCTGCCGACATCCTCACACAGATTCTG
 AAAGCTGAAGAGGGAGCCAGGACGACGAGGGTCTGCTGGACAACCTTCGTACCTTCTTATTGCTGGTC
 ACGAGACCTCTGCCAACCACTTGGCGTTCACAGTATGGAGCTGTCTCGCCAGCCAGAGATCGTGGCAAG
 GCTGCAGGCCGAGGTGGATGAGGTGCTGTTCTAAGAGGTACCTGGATTCGAGGACCTGGGGAGACTG
 CAGTACCTGTCCAGGTCCTCAAAGAGTCGCTGAGGCTGTACCCACCAGCATGGGGCACCTTTGCGCTGC
 TGAAGAGGAGACCTTGATTGATGGGGTCAGAGTCCCCGGCAACACCCCGCTCTTGTTTCAGCACCTATGT
 CATGGGGCGGATGGACACATACTTTGAGGACCCGCTGACTTTCAACCCCGATCGCTTCGGCCCTGGAGCA
 CCCAAGCCACGGTTCACCTACTTCCCCTTCTCCCTGGGCCACCGCTCCTGCATCGGGCAGCAGTTTGCTC
 AGATGGAGGTGAAGGTGGTCATGGCAAAGCTGCTGCAGAGGCTGGAGTCCGGCTGGTGGCCGGGCAGCG
 CTTGGGCTGCAGGAGCAGGCCACACTCAAGCCACTGGACCCCGTGTGTGCACCCTGCGGCCCGCGCGG
 TGGCAGCCCGCACCCCAACCCCTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205446 protein sequence
 Red=Cloning site Green=Tags(s)

MSPGLLLLGSVLLAFLCCTFVHRARSRYEHIPGPPRPSFLLGHLPCFWKKDEVGGRVLQDVFLDWAKK
 YGPVVRVNVFHKTSVIVTSPESVKKFLMSTKYNKDSKMYRALQTVFGERLFGQLVSECNYERWHKQRRV
 IDLAFSRSSLVSLMETFNEKAEQLVEILEAKADGQTPVSMQDMLTYTAMDILAKAAFGMETSMLLGAQKP
 LSQAVKLMLEGITASRNTLAKFLPGKRKQLREVRESIRFLRQVGRDWVQRRREALKRGEVVPADILTQIL
 KAEEGAQDDEGLLDNFVTFIAGHETSANHLAFTVMELSRQPEIVARLQAEVDEVIGSKRYLDFEDLGR
 QYLSQVLKESLRLYPPAWGTFRLLEEETLIDGVRVPGNTPLLFSTYVMGRMDTYFEDPLTFNPDRFGPGA
 PKPRFTYFPFSLGHRSCIGQQFAQMEVKVMAKLLQRLERFLVPGQRFLQEATLKLPLDPVLCRLPRG
 WQPAPPPPPC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_006668

ORF Size:

1500 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_006668.1</u>
RefSeq Size:	2138 bp
RefSeq ORF:	1503 bp
Locus ID:	10858
UniProt ID:	<u>Q9Y6A2</u>
Cytogenetics:	14q32.2
MW:	56.8 kDa