

Product datasheet for **MR208242A1V**

Mouse Cyp1a2 (NM_009993) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Cyp1a2 (NM_009993) AAV Particle
Tag:	Myc-DDK
Symbol:	Cyp1a2
Synonyms:	CP12; Cyp1a1; CYPIA2; P450-3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR208242 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGTTCTCCAGTACATCTCCTTAGCCCCAGAGCTGCTACTGGCCACTGCCATCTTCTGTTTAGTGT
 TCTGGATGGTCAGAGCCTCAAGGACCCAGGTTCCCAAAGGCCTGAAGAATCCACCGGACCCTGGGGCTT
 GCCCTTATTGGGCACATGCTGACTGTGGGGAAGAACCACACCTGCTCACTGACACGGCTGAGTCAGCAG
 TATGGGGACGTGCTGCAGATCCGCATCGGCTCCACTCCTGTGGTGGTGTGAGCGGCCTGAACACCATCA
 AGCAGGCCCTGGTGAGGCAGGGAGATGACTTCAAGGGCCGACCAGACCTCTACAGCTTACACTTATCAC
 TAACGGCAAGAGCATGACTTTCAACCCAGACTCTGGACCCGTGTGGGCTGCCCGCGGCCTGGCCAG
 GATGCCCTGAAGAGCTTCTCCATAGCCTCGGACCCGACGTGAGCATCCTTGTCTATTTGGAGGAGCAG
 TGAGCAAGGAGGCTAACCATCTCGTCAGCAAGCTTCAAGAGCGATGGCAGAGGTTGGCCACTTCGAACC
 AGTCAGCCAGGTGGTGAATCGGTGGCTAACGTATTGGTGCCATGTGCTTTGGGAAGAACTTCCCCGG
 AAGAGCGAGGAGATGCTGAACATCGTGAATAACAGCAAGGACTTTGTGGAGAATGTCACCTCAGGAATG
 CAGTGGACTTCTTCCCGTCTCGCTACCTGCCCAACCCGGCCCTCAAGAGGTTTAAAGACCTTCAATGA
 TAACTTCGTGCTGTTTCTGCAGAAAAGTGTCCAGGAGCACTACCAAGACTTCAACAAGAACAGTATCCAA
 GACATCACAAGTGCCCTGTTCAAGCACAGCGAGAATAACAAGACAATGGCGGTCTATCCCCGAGGAGA
 AGATTGTCAACATTGTCAATGACATCTTTGGAGCTGGCTTTGACACAGTCACCACAGCCATCACCTGGAG
 CATTTTGTACTTGTGACATGGCCTAACGTGCAGAGGAAGATCCATGAGGAGCTGGACACGGTGGTTGGC
 AGGGATCGGCAACCACGGCTTCTGACCGTCCCCAGCTGCCATATCTAGAGGCCTTATCCTGGAGATCT
 ACCGATACACATCCTTTGTCCCCTTACCATCCCCACAGCACAACGAGGGACACCTCACTGAATGGCTT
 CCACATTTCCCAAGGAGCGCTGTATCTACATAAACCAAGTGGCAGGTCAACCATGATGAGAAGCAGTGGAAA
 GACCCCTTTGTGTTCCGCCAGAGCGGTTTCTTACCAATAACAACTCGGCCATCGACAAGACCCAGAGCG
 AGAAGGTGATGCTCTTCGGCTTGGGAAAGCGCCGGTGCATTGGGGAGATCCCGCCAAGTGGGAAGTCTT
 CCTCTTCTAGCCATCTGCTGCAGCATCTGGAGTTTGTGTGCCACCGGTGTGAAGGTGGACCTGACA
 CCCAATATGGGTTGACCATGAAGCCCGGACCTGTGAACACGTCAGGCATGGCCACGCTTTTCCAAG

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208242 protein sequence
 Red=Cloning site Green=Tags(s)

MAFSQYISLAPELLLATAIFCLVFWMVRASRTQVPKGLKNPPGPWGLPFIHMLTVGKNPHLSLTRLSSQ
 YGDVLQIRIGSTPVVLSGLNTIKQALVRQDDFKGRPDLYSFTLITNGKSMTFNPDSGPVWAARRRLAQ
 DALKSFSIASDPTSASSCYLEEHVSKEANHLVSKLQKAMAIEVGHFEPVSQVVEVANVIGAMCFGKNFPR
 KSEEMLNIVNNSKDFVENVTSGNAVDFFPVLRYPNPKLRFKTFNDNFVFLQKTVQEHYQDFNKNISIQ
 DITSALFKHSENYKDNGLIPEEKIVNIVNDIFGAGFDTVTTAITWSILLVTPVQVKIHEELDTVVG
 RDRQPRLSRDPQLPYLEAFILEIYRYTSFVPFTIPHSTTRDTSLNFGHIPKERCIIYINQVQVNHDEKQWK
 DPFVFRPERFLTNNNSAIDKTQSEKVMFLFGLGKRRICIGEIPAKWEVFLFLAILLQHLEFSVPPGVKVDLT
 PNYGLTMKPGTCEHVQAWPRFSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_009993

ORF Size:

1542 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_009993.2</u>
RefSeq Size:	1892 bp
RefSeq ORF:	1542 bp
Locus ID:	13077
UniProt ID:	<u>P00186</u>
Cytogenetics:	9 31.3 cM
MW:	58.2 kDa