

Product datasheet for **MR220684A1V**

Mouse Cyp20a1 (NM_030013) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Cyp20a1 (NM_030013) AAV Particle
Tag:	Myc-DDK
Symbol:	Cyp20a1
Synonyms:	A930011N14Rik; Cypm
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR220684 representing NM_030013
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCTGGACTTCGCCATCTTCGCCGTGACGTTCTGCTGGCGCTGGTGGGAGCGGTGCTGTACCTCTACC
 CGGCTTCCCGCAAGCTTCAGGAATTCAGGGCTTACTCCAACGAAGAAAAAGATGGTAATCTTCCAGA
 CATTGTAACAGTGGAAGTTTGCATGAGTTCCTGGTTAATTTGCATGAAAGATACGGGCCTGTGGTCTCT
 TTCTGGTTTGGCAGGCGTCTTGTGGTTAGCTTGGGCACCACTGATGTACTGAAGCAACATTTCAACCCCA
 ATAAGACTTCGGACCCATTTGAAACCATGTTGAAGTCATTATTAGGGTATCAGTCTGGCGGAGGGAGTGC
 GGGTGAGGACCACGTGAGGAGGAACTGTATGGAGATGCCGTGACAGCTTCTCTGCATAGTAACCTCCCT
 CTCCTGCTACAGCTTTCAGAAGAATTGTTAGATAAATGGCTGTCCTATCCAGAGACCCAGCACATACCTC
 TGAGCCAGCATATGCTCGGTTTTGCTTTGAAGTTTGCACAAGGATGGTACTGGGTAGCACCTTTGAAGA
 TGAACAGGAGGTATCCGATTCCAAAAGATTTCATGGCACAGTGTGGTCTGAGATTGGAAGGCTTTCTA
 GATGGGTCACTCGATAAAAACACCACTCGGAAAAACAGTATCAAGAGGCTCTCATGCAATTGGAATCCA
 CTTTAAAGAAAATCATAAAGGAACGAAAAGGAGGGAACCTCAGGCAACACACCTTCATCGACTCCTTAAC
 ACAGGGAAAACTTAATGAGCAACAGATCCTAGAGGACTGTGTGGTGTCTCTCTGGCCAGCTGCATAATA
 ACTGCAAGGTTGTGTACTGGACGATCCATTTCTTACGACGACTGGAGAAGTTCAGAAGAAGCTATGCA
 AGGAGATAGACCAAGTTTTAGGGGAGGGTCTATCACTTCAGAGAAAATTGAGCAGCTCAGTTATTGTCA
 GCAAGTACTTTTTGAACTGTTTCGACTGCTAACTAACTCCAGTTTCTGCCCGGCTTCAAGACATTGAA
 GGAAAAGTCGGCCCATTTGTTATTCCTAAGGAGACACTCGTCTTTATGCCCTTGGCGTGGTCTTCAGG
 ACCCCAGCACTTGGCCATTACCACACAGGTTTGATCCAGACCGCTTGTGCTGACGAGCCAGTGATGAAAGT
 GTTTTCTCTCTTGGCTTCTCAGGCACATGGGAATGTCCAGAAGTGAAGTTTGCTTACATGGTGACCGCA
 GTGCTTGTGAGTGTGTTGCTGAAGAGGCTGCGCCTGCTCGCTGTGGACAGACAAGTTTTTGAATGAAGT
 ATGAAGTGGTCACATCAGCAAGGGAAGAAGCTTGGATCACTGTCTCCAAAGACAC

ACGCGTACGCGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MLDFAIFAVTFLALVGAVLYLPASRQASGIPGLTPTEEKDGNLPDIVNSGSLHEFLVNLHERYGPVVS
 FWFGRRLVVS LGTTDLVKQHFNPNKTSDFETMLKSL LGYQSGGSAGEDHVRRLYGDVATASLHSNFP
 LLLQLSEELDKWLSYPETQHIPLSQHMLGFALKFVTRMVLGSTFEDEQEVIRFQKIHGTWVSEIGKGFL
 DGSLDKNTTRKKQYQEALMQLESTLKKI IKERKGGNFRQHTFIDSLTQGLNEQQILEDVVFSLASCII
 TARLCTWTIHFLT TTTGEVQKKLCKEIDQVLGEGPITSEKIEQLSYCQQVLFETVRTAKLTPVSARLQDIE
 GKVGPFPVKETLVLYALGVVLQDPSTWPLPHRFDPDRFADEPVMKVFSSLGFSGTWECPELRFAYMVTA
 VLVSVLLKRLRLLA VDRQVFEMKYELVTSAREEAWITVSKRH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_030013

ORF Size:

1386 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_030013.2, NP_084289.1</u>
RefSeq Size:	1501 bp
RefSeq ORF:	1389 bp
Locus ID:	77951
UniProt ID:	<u>Q8BKE6</u>
Cytogenetics:	1 C2
MW:	52.6 kDa