

## Product datasheet for **MR208434A1V**

### Mouse Cyp11a1 (NM\_019779) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Cyp11a1 (NM_019779) AAV Particle
Tag:	Myc-DDK
Symbol:	Cyp11a1
Synonyms:	csc; Cyp11a; Cypxia1; D9Ert411e; P450sc; Sc
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR208434 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTGGCTAAAGGACTTTCCTGCGCTCAGTGTGGTCAAAGGCTGCCAACCTTCTGAGCCCTACGT  
 GGCAGGTCCAGTGTGAGTACTGAAAAGGAGCTGGTACCTCTACTAGCAGTCCTAGGTCCTTCAATGA  
 GATCCCTTCCCCTGGCGACAATGGTTGGCTAAACCTGTACCCTTCTGGAGGGAGAGTGGCACACAGAAA  
 ATCCATTACCATCAGATGCAGAGTTTCCAAAAGTATGGCCCCATTTACAGGGAGAAGCTGGGCACCTTTGG  
 AGTCAGTTTACATCGTGGACCCCAAGGATGCGTCGATACTCTTCTCATGCGAGGGTCCCAACCCGGAGCG  
 GTTCTTGTGCCCCCTGGTGGCTATCACCAGTATTATCAGAGGCCATTGGGGTCTGTTTAAGAGT  
 TCAGATGCCTGGAAGAAAGACCGAATCGTCCTAAACCAAGAGGTGATGGCGCCTGGAGCCATCAAGAACT  
 TCGTGCCCTGTGGAAGGTGTAGCTCAGGACTTCATCAAAGTCTTACACAGACGCATCAAGCAGCAAAA  
 TTCTGGAAATTTCTCAGGGGTATCAGTGTGACCTATTCGGCTTTTCTTTGAGTCCATCAGCAGTGTT  
 ATATTTGGGGAGCGCATGGGGATGCTGGAGGAGATCGTGGATCCCGAGGCCACGGGTTCAATGCTG  
 TCTACCAGATGTTCCACACCAGTGTCCCATGCTCAACCTGCCTCCAGACTTCTTTGACTCCTCAGAAC  
 TAAGACCTGGAAGGACCATGCAGCTGCCTGGGATGTGATTTTCAATAAAGCTGATGAGTACACCCAGAAC  
 TTCTACTGGGACTTAAGCAGAAGCGAGACTTCAGCCAGTACCCTGGTGTCTTTATAGCCTCCTGGGG  
 GCAACAAGCTGCCCTTCAAGAACATCCAGGCCAACATTACCGAGATGCTGGCAGGAGGGTGGACACGAC  
 CTCCATGACCCGTCAGTGGAACTTTATGAGATGGCACACAACCTGAAGGTACAGGAGATGCTGCGGGCT  
 GAAGTCTGGCTGCCCCGGCCAGGCCAGGGAGACATGGCCAAGATGGTACAGTTGGTTTCACTCCTCA  
 AAGCAGCATCAAGGAGACACTGAGACTCCACCCATCTCCGTGACCTTGACAGAGTACACTGTGAATGA  
 CCTGGTCTTCGTAATTACAAGATTCAGCCAAGACTTTGGTACAGGTGGCTAGCTTTGCCATGGGTGCA  
 GATCCGGGCTTCTTCCAAATCCAAACAAGTTTGACCCAACTCGTTGGCTGGAAAAAAGCCAAAATACCA  
 CCCACTCCGGTACTTGGGCTTTGGCTGGGGTGTTCGGCAGTGTCTGGGCCGGCGGATTGCGGAGCTGGA  
 GATGACCATCCTCCTTATCAATCTGCTGGAGAACTTCAGAATTGAAGTCAAAAATCTCCGTGATGTGGG  
 ACCAAGTTCAGCCTCATCCTGATGCCTGAGAACCCCATCTCTTCAACTCCAGCCTCTCAAGCAGGACC  
 TGGGCCAGCCGTGACCAGAAAAGACAACACTGTGAAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208434 protein sequence  
 Red=Cloning site Green=Tags(s)

MLAKGLSLRSVLVKGCPFLSPTWQGPVLSTGKAGTSTSSPRSFNEIPSPGDNGWLNLYHFWRESGTQK  
 IHYHQMSFQKYGPYREKLGTLSEVYIVDPKASILFSCEGPNPERFLVPPWVAYHQYYQRPVGLFKS  
 SDAWKKDRIVLNQEVMPGAIKFNVPVLEGVQDFIKVLHRRRIKQNSGNFSGVISDDLFRFSFESSV  
 IFGERMGLLEEIVDPEAQRFINAVYQMFHTSVPMLNLPDFRLLRKTWKDHAAAWDVI FNKADEYTON  
 FYWDLRQKRDFSQYPGVLYSLLGKNLFPKNIQANITEMLAGGVDTSMTLQWNL YEMAHNLKVQEMLRA  
 EVLAARRQAQGDMAKMVQLVSLLKASIKETRLHPISVTLQRYTVNDLVLRNYKIPAKTLVQVASFAMGR  
 DPGFFPNPKFDPTRWLEKSQNTTHFRYLGFGWVVRQCLGRRIAELEMTILLINLLENFRIEVQNLRDVG  
 TKFSLILMPENPILFNFQPLKQDLGPAVTRKDNTVN

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_019779

**ORF Size:**

1581 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_019779.2</a></u> , <u><a href="#">NP_062753.2</a></u>
<b>RefSeq Size:</b>	1774 bp
<b>RefSeq ORF:</b>	1581 bp
<b>Locus ID:</b>	13070
<b>UniProt ID:</b>	<u><a href="#">Q9QZ82</a></u>
<b>Cytogenetics:</b>	9 31.63 cM
<b>MW:</b>	60.3 kDa