

Product datasheet for **MR208021A1V**

Mouse Cyp8b1 (NM_010012) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Cyp8b1 (NM_010012) AAV Particle
Tag:	Myc-DDK
Symbol:	Cyp8b1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208021 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGACGCTGTGGTGTACAGTGTAGGAGCCCTGCTCACGGTTGTGGGATGCCTGTGTCTGTCTTCTGCTGC
 TCAGGCACCGCAGGCCCTGGGAGCCACCTCTGGACAAGGGTTTTGTGCCCTGGCTGGGTCACTCCATGGC
 TTTCCGGAAGAATATGTTTGAATTCTTGAAGGGGATGCGGGCCAAGCACGGGGATGTCTTCACGGTGCAG
 CTGGGAGGCCAGTACTTACCTTTGTATGGACCCCTGTCTTTGGCCCCATCATTAAGAACACAGAGA
 AAGCGCTGGACTTCCAGTCTATGCAAAAGAACTGGTGTCAAGGTGTTTGGGTACAGTCTGTAGATGG
 GGACCACAGGATGATCCACTTAGCTAGTACCAAGCATCTGATGGGGCAAGGCTTGGAGGAACTCAACCAG
 GCCATGCTGGACAGCCTATCCTTGGTGATGCTAGGGCCTAAAGGTTGAGTCTGGGTGCCAGCTCCTGGT
 GTGAAGATGGCCTCTTCACTTCTGCTACAGAATCCTGTTTAAAGGCTGGCTTCTGAGCTTATTCGGCTA
 CACCAAGGACAAGCAGCAAGACCTGGATGAGGCCGATGAGCTGTTCAAGGAAGTCCGTGATTTGACTTT
 CTCTTCCCCAGGTTTGTCTACTCCCTACTGGGGCCCCGGGAGTGGGTGGAAGTAGGCCAGTTGCAGCGTC
 TCTTCCACCAGAGACTCTCTGTGGAGCAAAACCTGGAAAAAGACGGCATAAGCTGTTGGTTAGGTACAT
 GCTTCAGTTTCTGAGGGAGCAAGGAATAGCTTCATCCATGCAGGACAAATTTAACTTTATGATGCTCTGG
 GCCTCCAGGGGAACACGGGACCCACCTGTTTCTGGGTCTCTTATTCTGCTGAAGCACCAGGATGCCA
 TGAAGGCTGTGCGTGAGGAAGCCACAGGGTCATGGGTAAAGCCAGGCTGGAAGCCAAGAAGTCGTTTAC
 TTTCACTCCCAGTGCCCTGAAACACACTCCCGTGTGGACAGCGTGATGGAGGAGAGTCTGCGTCTCTGT
 GCCACCCACCCCTCTCAGGGTGGTACAGGAGGATTATGTCTGAAGATGGCCAGCGGGCAAGAGTACC
 AGATCCGTGCGGAGATAAGGTGGCTCTCTTCCCTATCTCTCAGTACACATGGACCCCGACATCCACCC
 TGAGCCACAGCCTTCAAGTATGATCGGTTCTCTCAACCCGGATGGCACCCGGAAGTGGACTTCTACAAG
 TCGGGCAAGAAGATCCACCACTACAGCATGCCTTGGGGCTCGGGTGTTCCTCAAGTGGCCCGGAGTTCT
 TTGCCCTCAGCGAGATGAAGACCTTTGTCTTCTATGATTATGTAATTCGACTTCAAGTGGTGCAGCC
 CGACATACCTGTGCCCCCATTGACCAAGGCGCTGGGGCTTTGGCACCTCACAGCCTAGCCATGAGGTA
 CGCTTCTCTATCGCTGAAGCCCGTGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208021 protein sequence
 Red=Cloning site Green=Tags(s)

MTLWCTVLGALLTVVGCLCLSLLLRHRRPWEPPLDKGFVPWLGHSMFRKNMFEFLKGMRAKHGDVFTVQ
 LGGQYFTFVMDPLSFGPIIKNTEKALDFQSYAKELVLKVFQYQSVGDHRMIHLASTKHLMGQGLEELNQ
 AMLDSLVLMLGPKGSSLGASSWCEDGLFHFCYRILFKAGFLSLFGYTKDKQQLDEADELFRKFRFDF
 LFPRFVYSLGPREWVEVSQQLRQLFHQRLSVEQNLEKDGISCWLGYMLQFLREQGIASSMQDKFNFMMLW
 ASQNGTGPTCFWVLLFLLKHQDAMKAVREEATRVMGKARLEAKKSFTFTPSALKHTPVLDSVMEESLRCL
 ATPTLRLRVVQEDYVLKMASGQEQYQIRRGDKVALFPYLSVHMDPDHPEPTAFKYDRFLNPDGTRKVDYK
 SGKKIHHYSMPWGSVSKCPGRFFALSEMKTFLVLLMIMYDFDKLVDPDIPVPPIDPRRWGFGTSQPSHEV
 RFLYRLKPQ

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species: Mouse
Serotype: AAV-2
ACCN: NM_010012
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_010012.2</u> , <u>NP_034142.2</u>
RefSeq Size:	1950 bp
RefSeq ORF:	1503 bp
Locus ID:	13124
UniProt ID:	<u>O88962</u>
Cytogenetics:	9 F4
MW:	57.7 kDa