

Product datasheet for **MR208975A1V**

Mouse Cybb (NM_007807) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Cybb (NM_007807) AAV Particle
Tag:	Myc-DDK
Symbol:	Cybb
Synonyms:	C88302; Cgd; CGD91-phox; Cyd; gp91-1; gp91
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208975 representing NM_007807
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGAAGTGGCTGTGAATGAAGACTCTCCATCTTTGTCATTCTGGTGTGGTGGGGCTGAATGTCT
 TCCTCTTTATCAACTACTACAAGGTTTATGATGATGGGCCTAAGTATAATTATACTCGAAAACCTCTGG
 GTCAGCACTGGCTCTGGCCCGGCACCTGCAGCCTGCCTGAATTTCAACTGTATGCTGATCCTGTGCCA
 GTGTGTCGAAATCTGCTCTCTTTCTCAGGGGTTCCAGTGCCTGTTGCTCGACAAGGATTCGAAGACAAC
 TGGACAGGAACCTCACTTTCCATAAGATGGTAGCTTGGATGATAGCACTGCACACCGCCATCCACACAAT
 TGCACATCTCTTCAACGTTGAGTGGTGTGTGAATGCCAGAGTCGGGATTTCTGACCGGTATTCAATAGCT
 CTCTCTGACATCGGTGACAATGAGAACGAAGATATCTCAATTTTCTAGAGAAAAAATCAAGAACCTG
 AAGGGGCGCTGTATGTGGCCGTGACTCGGTTGGCTGGGATCACAGGAATTGTCATCACACTGTGTCTCAT
 ATTGATTATCACATCCTTACCAAAACCATTTCGGAGGTCTTATTTGAAGTGTCTGGTATACACACCAT
 CTCTTTGTGATCTTCTCATCGGCCCTGCCATCCATGGAGCTGAACGAATTGTACGTGGACAGACTGCGG
 AGAGTTTGAAGAGCATAATTTAGATATCTGTGCAGACAAAATCGAAGAATGGGGAAAAATAAAGGAGTG
 CCCAGTACCAAAGTTCGCTGGAAACCTCCTATGACTTGGAAATGGATAGTGGGTCTATGTTCTCTGTAC
 CTTTGTGAGAGGTTGGTTCGGTTTTGGCGATCTCAGCAAAAGGTGGTCATCACCAGGTGGTCACCCACC
 CTTTCAAAACCATTGAGCTTCAGATGAAGAAGAAGGGATTCAAGATGGAGGTGGGACAGTACATTTTGT
 CAAGTGCCCCAAGGTATCCAAGTTAGAATGGCACCCATTCACACTGACCTCTGCTCCTGAGGAAGACTTT
 TTAGCATCCATATCCGATTGTGGGAGACTGGACGGAGGGGCTATTCAATGCTTGTGGCTGTGATAAGC
 AGGAGTTCCAAGATGCCTGGAACTACCTAAGATAGCAGTTGATGGACCTTTGGTACAGCCAGTGAAGA
 TGTGTTACAGCTATGAGGTGGTGATGTTAGTGGAGCCGGGATTGGAGTCACGCCCTTTGCCTCCATTCTC
 AAGTCTGTCTGGTACAAATATTGTGATAATGCCACCAGTCTGAACTCAAAAAGATCTACTTCTACTGGC
 TGTGCAGGGACACGCATGCCTTTGAGTGGTTTGCAGACCTGCTGCAGCTGCTGGAGACCCAGATGCAGGA
 AAGGAACAATGCCAACTTCTCAGCTACAATATCTACCTTACTGGCTGGGATGAATCTCAGGCCAATCAC
 TTTGCTGTGCACCATGATGAGGAGAAAGATGTGATCACAGGCCTAAAACAGAAGACTCTGTATGGACGGC
 CCAACTGGGATAACGAGTTCAAGACCATTGCAAGTGAACACCCTAACACCACAATAGGCGTTTTCTGTG
 TGGCCCTGAAGCCTTGGCTGAACTCTCAGTAAACAGAGCATCTCCAATCAGAATCCGGCCCGCTGGA
 GTCCACTTCATTTTCAACAAGGAAAATTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGNWAVNEGLSIFVILVWLGLNVFLFINYYKVYDDGPKYNYTRKLLGSALALARAPAAACLNFNCLILLP
 VCRNLLSFLRGSSACCSTRIRRLDRNLTFHKMVAWMIALHTAHTIAHLFNVEWCVNARVGISDRYSIA
 LSDIGDNENEEYLNFAREKIKNPEGGLYVAVTRLAGITGIVITLCLILITSSSTKIRRSYFEVFWYTHH
 LFVIFFIGLAIHGAERIVRGQTAELEEHLNLDICADKIEEWGKIKECPVPKFAGNPPMTWKWIVGPMFLY
 LCERLVRWFWSQQKVIVTKVTHPFKTIELQMKKGFKMEVGQYIFVKCPKVSKEWHPFTLTSAPPEEDF
 FSIHIRIVGDWTEGLFNACGCDKQEFQDAWKLPKIAVDGPFGTASEDVFSYEVVMLVGAGIGVTPFASIL
 KSVWYKYCDNATSLKLKIIYFWLCRDTHAFEFADLLQLLETQMQRNNANFLSYNIYLTGWDESQANH
 FAVHHDEEKDVITGLKQKTLYGRPNWDNEFKTIASEHPNTTIGVFLCGPEALAEATLSKQISNSSESGPRG
 VHFIFNKENF

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:	NM_007807
ORF Size:	1710 bp
Buffer:	PBS with 0.001% Pluronic F119
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_007807.5</u> , <u>NP_031833.3</u>
RefSeq Size:	4750 bp
RefSeq ORF:	1713 bp
Locus ID:	13058
UniProt ID:	<u>Q61093</u>
Cytogenetics:	X A1.1
MW:	65.8 kDa