

Product datasheet for **MR205312A1V**

Mouse Mthfd2 (NM_008638) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Mouse Mthfd2 (NM_008638) AAV Particle
Tag: Myc-DDK
Symbol: Mthfd2
Synonyms: AW558851; NMDMC
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >MR205312 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTTCAGTTTCCTTGTGTCTGCGTTGGCTGTGCGGTTGTTGCGCCCCACGCACGGCTGCCACCCCC
GCCTACAGCCCTCCACCTGGCGGCAGTGCGAAATGAAGCCGTTGTCAATTTCTGGAAGGAAACTGGCCCA
GCAGATCAAGCAAGAAGTACAGCAGGAGGTGGAAGAGTGGTGGCCTCAGGCAATAAGCGCCACACCTC
AGTGTCAATCTGGTTGGTGACAATCCCAGCAGTCACTCCTATGTTCTCAACAAAACCAGGGCAGCAGCTG
AAGTGGGAATCAACAGTGAGACAATTGTGAAACCAGCCTCAGTTTCAGAGGAAGAGCTGCTGAATTCAT
CAGGAAGCTGAACAACGATGAGAACGTAGATGGCCTCCTTGTTCAGCTGCCACTCCAGAGCACATTGAT
GAGAGGAAGGTCTGCAATGCCGTTTCTCCTGACAAGGATGTTGATGGCTTTCATGTCAATTAACGTGGGGC
GAATGTGCTTGGACCACTCTATGCTGCCAGCAACCCCATGGGGCGTGTGGGAGATAATTAAGCGAAC
AGGCATTCCAACCTTAGGGAAGAATGTGGTAGTGGCTGGCAGGTCAAAAAACGTTGGAATGCCGATTGCA
ATGTTGCTGCACACAGATGGAGCTCACGAACGGCCCGGGGTGATGCCACAGTACAATATCTCATCGAT
ACACTCCCAAAGAGCAGCTGAAGAAGCACACGATCCTTGACAGCATTGTAATATCTGCCGCTGGCATTCC
AAATCTGATCACAGCTGACATGATCAAGGAAGGAGCAGCGTCACTGATGTGGGAATAACAGAGTTCAA
GATCCTGTCACTGCAAAGCCAAATTGGTTGGAGATGTGGATTTGAAGGAGTCAAGAAGAAAGCTGGTT
ATATCACTCCCGTCCCTGGTGGTGTGGTCCCATGACCGTGGCCATGCTCATGAAGAACCATTATTGC
CGCAAAGAAAGTGCTAAGACCAGAGGAGCTGGAAGTGTCAAGTCCAAACAGCGCGGAGTGCACCAAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR205312 protein sequence Red=Cloning site Green=Tags(s) MASVLLSALAVRLLRPTHGCHPRLQPFHLAAVRNEAVVISGRKLAQQIKQEVQQEVEEWWASGNKRPHL SVILVGNPASHSYVLNKTRAAAEVGINSETIVKPASVSEEELLSIRKLNNDENV DGLLVQLPLPEHID ERKVCNAVSPDKDVGDFHVINVGRMCLDQYSMLPATPWGVWEI IKRTGIPTLGKNVVVAGRSKNVGMPIA MLLHTDGAHERPGGDATVTI SHRYTPKEQLKKHTILADIVISAAGIPNLITADMIKEGAVIDVGINRVQ DPVTAKPKLVGDVDFEGVKKKAGYITPVPGGVGPMTVAMLMKNTIIAAKKVLRPEELEVFKSKQRGVATN TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_008638
ORF Size:	1053 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:	NM_008638.1 , NP_032664.1
RefSeq Size:	2070 bp
RefSeq ORF:	1053 bp
Locus ID:	17768
UniProt ID:	P18155
Cytogenetics:	6 35.94 cM
MW:	37.9 kDa