

Product datasheet for **MR220371A1V**

Mouse Nt5dc1 (NM_176968) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Nt5dc1 (NM_176968) AAV Particle
Tag:	Myc-DDK
Symbol:	Nt5dc1
Synonyms:	6030401B09Rik; AW987726; Nt5c2l1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR220371 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCAGCACTTCTCCCTGGGCGCCTGCGACGTGGTCGGCTTCGATCTCGACCACACGCTGTGCCGCT
 ACAACCCGCCCCGAGAGCGCCCGCTCATTTATAACAGCTTTGCTCAGTTCTTAGTCAAGGAGAAAGGATA
 TGATGAGGGGCTGCTCACTCTGACTCCAGAGGACTGGGATTTCTGTTGCAAGGGTTTGGCATTGGATCTG
 GAAGATGGGACCTTCATTAACTTGACGCTGATGGCACTGTGCTCAGGGCAAGCCACGGCACCAAGATGA
 TGACTCCAGAGGCACTGACTGAAGCCTTTGGCAAGAAGGAGTGGAGGCACTGTGTGTCAGACAAACGCTG
 TACATCAGACAAGCCGGTGTGTCGACATTCTTGCTGCTCAGGAAAGTGTATTTCTATGATAACTAC
 TTTGACCTGCCGGGGCTCTTCTGTGTGCCAGAGTGGTGGACTCTTAACAAAGAACAGAGGTCAAAAAA
 CATTTGATTTTGAAGGATGTAGTTGCTGGTATACAACACAATTTTAAATGTCAGCCTTTAAGGAAAA
 TTGTGGATTCTCTTTCCGAAATAACAGAAATCTAGGCAAATATGTGCACCGCTGTCCTGAGTCTGTA
 AGAAAGTGGCTTCGACAGCTGAAGGACGCTGGGAAAATTACTATGTTGATAACTAGTTCTCACAGTGATT
 ACTGTAAACTTCTTGGCAGTTACATCCTTGGGGAGGATTTTGCAGACCTTTTGCATTGTGATTACAAA
 CGCATTAAGCCTGGATTCTTCCACATTTCCCAAGCCAGAGGCTTTCTACACACTCGAGAATGATGAA
 GAGAAGGATGAGCTGCCGTCTCTGGATAAACCGGGCTGGTACTCCAAGGAACGCTGCCACCTTTATG
 AGCTTCTGAAGAAATGACCAGCAAGCCTGAACCAAGGTCGTTACTTTGGTGACAGCATGCATTGAGA
 CATTTTCCAGCCCATCACTATACTAAGTGGGAGACTGTCCTTATTCTCGAGGAGCTTCAGGGGCCAGAA
 ATGGAAAAGCCTGAGGAAGCAGAGCCTCTGGAGAAAAGAGGAAATATGAGGCACCAATGGTAAAGCCTC
 TAAACACCTTGTCTAATAAGTGGGGCTCATACTTTATTGACTCAGTCTCCGACGGGGGAGGGCAGAAGA
 CTCTGTGGTTTATACATGGTCCCTCTAAGAGAATCAGCACCTACAGTACGATTGCAATTCCAAACATTGAA
 TCTATTGCAGAGTTACCCCTGGACTACAAATTTACAAGATTTTCTACAAACAATTCAAAAATGGCTGGTT
 ACTATCCCTTGGTCCATCATACCTTGGGTTCTCAAGACACAGACAGCAAAATAATATCTACTGAAAAA

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR220371 protein sequence
 Red=Cloning site Green=Tags(s)

MAQHFSLGACDVVGFDLHTLCRYNPPESARLIYNSFAQFLVKEKGYDEGLLTLTPEDWDFCCKGLALDL
 EDGTFIKLAADGTVLRASHGTKMMTPEALTEAFGKKEWRHCVSDKRCTSDKPGVSDIPCCSGKCYFYDNY
 FDLPGALLCARVVDSLTKNRGQKTFDFWKDVVAGIQHNFKMSAFKENCFFPEINRNLKGYVHRCPEVS
 RKWLRQLKDAGKITMLITSSHSYCKLLGSYILGEDFADLFDIVITNALKPGFFPHFSPQRPFYTLNDE
 EKDELPSLDKPGWYSQNAHLIELKKMTSKPEPKVVYFGDSMHSDIFPAHHYTNWETVILEELQGPE
 MEKPEEAEPLEKRGKYEAPMVKPLNTLSNKWGSYFIDSVSGRGAEDSVVYTWSSKRISTYSTIAIPNIE
 SIAELPLDYKFRFSTNNSKMAGYYPLVHHTLGSQDTSKIISTEK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_176968

ORF Size:

1398 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_176968.4, NP_795942.2</u>
RefSeq Size:	2716 bp
RefSeq ORF:	1404 bp
Locus ID:	319638
UniProt ID:	<u>Q8C5P5</u>
Cytogenetics:	10 B1
MW:	52.9 kDa