

Product datasheet for **MR208873A1V**

Mouse Nt5c2 (NM_029810) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Nt5c2 (NM_029810) AAV Particle
Tag:	Myc-DDK
Symbol:	Nt5c2
Synonyms:	2010002I23Rik; cN-II; CnII; ENSMUSG00000025039; Gm9751; Gmp; Nt5b; Pnt5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208873 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACGACCTCCTGGAGTGACCGCTTACAGAATGCAGCAGATGTGCCTGCTAACATGGATAAGCATGCCT
 TGA AAAAGTACCGTCGAGAAGCCTATCACCGGGTGTGTTGTGAACCGAAGTTAGCCATGGAAAAATAAA
 GTGTTTTGGTTTTGATATGGATTATACCTAGCCGTGTACAAGTCTCCAGAATATGAATCCCTTGCTTT
 GAGCTTACTGTGGAGAGATTAGTTTCCATTGGCTATCCTCAGGAGCTGCTCAGCTTTGCATATGATTCTA
 CATTCCCTACCAGAGGACTTGTCTTTGACACGCTCTATGGAAATCTTTTGAAAGTCGATGCCTATGGAAA
 CCTCTTGGTGTGTGCACATGGATTTAACTTCATAAGAGGACCAGAACTAGAGAGCAGTATCCAAATAAA
 TTTATCCAACGAGATGACACTGAACGGTTTTACATTCTGAACACACTATTCAATCTCCAGAGACCTACC
 TGTTGGCTGCCTCGTAGATTTTTTTACTAATTGTCCCAGATACACAGTTGTGACACAGGATTTAAAGA
 TGGGGACCTCTTCATGTCTACCGTAGCATGTTCCAGGACGTAAAGAGACGAGTGGACTGGGTCCATTAC
 AAGGGCTCCCTTAAGGAGAAGACGGTTGAAAATCTTGAGAAATATGTCGTCAGGATGGCAAGTTGCCGT
 TGCTTCTGAGCCGAATGAAGGAAGTAGGAAAGTGTGTTCTGGCTACTAACAGTGAATAAGTACACAGA
 TAAATCATGACTTACCTGTTTGATTTCCCGCATGGCCCCAAGCCCGGAGCTCCACCGGCCGTGGCAG
 TCCTACTTTGACCTGATTTTGGTGGATGCTCGGAAACCACTCTTTTTGGAGAAGGCACAGTGTGCGTC
 AGGTGGACACTAAACTGGAAACTGAAATTTGGCACCTACACGGGCCCTGCAGCACGGCATTGTCTA
 CTCAGGGGTTTCATCTGATAAATCTGTGACCTGTTGGGAGCTAAGGGCAAAGACATTTTGATATTGGA
 GATCACATTTTGGAGACATTCTGAAGTCAAAGAAACGGCAAGGGTGGAGGACTTTCTTGGTGATTCTGT
 AGCTTGGCAGGAGCTCCAGCTGTGACGGACAAGAGTTCACTCTTTGAAGAACTCAAAGCTTGGATAT
 TTTCTTGGCTGAAGTCTACAAGCACCTGGACAGCAGTAGCAATGAGCGCCCGACATTAGTTCCATCCAG
 AGACGGATTAAGAAAGTAACTCATGACATGGACATGTGCTATGGGATGATGGGAAGCCTGTTCCGCAGCG
 GCTCCCGGCAGACACTCTTGGCAGCCAAGTGATGCGCTATGCAGATCTCTATGCGGCCTCGTTCATCAA
 CCTGCTGTACTACCCATTCAGCTACCTCTCAGAGCTGCCATGTCTGATGCCGCACGAGTCAACGGTG
 GAACACACGCATGTGGATATCAATGAGATGGAGTCCCCTCTCGCCACCCGGAACCGCACGTCAAGGATT
 TCAAAGACACTGACTATAAGCGACACCAGCTTACAAGGTCCATTAGTGAGGTCAAGCCCCCGACCTCTT
 CCCGCTGGCCCCCAGGAGATCACACTGCCATGATGAAGATGATGATGAAGAGGAAGAAGAGGAAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208873 protein sequence
 Red=Cloning site Green=Tags(s)

MTTSWSDRLQNAADVPANMDKHALKKYRREAYHRVFNRS LAMEKIKCFGDMDYTLAVYKSPEYESLGF
 ELTVERLVSIGYPQELLSFAYDSTFPTRGLVFDLYGNLLKVDAYGNLLVCAHGFNFIRGPETREQYPNK
 FIQRDDTERFYILNTLFNLPETYLLACLVDFFTNCPRYTSCDTGFKDGLFMSYRSMQDVRDAVDWVHY
 KGSLKEKTVENLEKYVVKDGKPLLLSRMKEVGKVFLATNSDYKYTDKIMTYLDFPHGPKPGSSHRPWQ
 SYFDLILVDARKPLFFGEGTVLRQVDTKTGKLIKITYTGPLQHIGIVYSGSSDTICDLLGAKGKDILYIG
 DHIFGDILKSKKRQGWRTFLVIPELAQELHVWTDKSSLFEEQLSLDIFLAELYKHL DSSSNERPDISSIQ
 RRIKKVTHDMDCMYGMGSLFRSGSRQTLFASQVMRYADLYAASFINLLYYPFSYLFRAAHVLMPESTV
 EHTHVDINEMESPLATRNRTSVDFKDTDYKRHQLTRSISEVKPPDLFPLAPQEITHCHDEDDDEEEEEEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_029810

ORF Size:	1680 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_029810.2</u> , <u>NP_084086.2</u>
RefSeq Size:	3769 bp
RefSeq ORF:	1683 bp
Locus ID:	76952
UniProt ID:	<u>Q3V1L4</u>
Cytogenetics:	19 C3
MW:	64.8 kDa