

Product datasheet for **RC231355A1V**

Human NT5C1B (NT5C1B-RDH14) (NM_001199103) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NT5C1B (NT5C1B-RDH14) (NM_001199103) AAV Particle
Tag:	Myc-DDK
Symbol:	NT5C1B
Synonyms:	AIRP; cN-IB; cN1B; NT5C1B
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC231355 representing NM_001199103
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAGTCAAACATCTCTCAAACAGAAAAAGAATGAGCCTGGAATGAGGTCTCAAAGAGAGTCTAGAAG
 CAGAAAAAAGAAAGGAATCTGACAAAACAGGAGTTCGTCTGAGCAATCAGGGATCACAAGAATCATCACT
 GCGGAAGACAGACTCTCGAGGGTACCTTGTGCGCAGTCAATGGTCTAGAATATCCCGGAGCCCATCCACC
 AAGGCTCCATCCATAGATGAGCCTAGAAGCAGGAACACCAAGTGCCTAAGGTAGAGTCTCCAGCAGCTCCA
 CGAGTCTCCGGACTCCATCCACCTCCCCAAGCCTGCATGACTCCTCACCGCCGCCGTGTCCGGGAGCC
 CTCGCTCCAGCCACCCGCTCGCCCCAGCTGCCCGGTGCTGGACTCGCGGCCCTCCACGCCCCCAGAG
 CCCGATCTGGTCCCGCGCAGCACCAAAATGCAAGAGAATCCGGAGGCCTGGGCCAAGGCATCGTGC
 GGGAAATCCGCCAGACCCGGGACTCGCAGCCGCTGGAATATTCGCGCAGTCCCCACCGAGTGGAAAGTC
 CTCCAGCCAGCGCAGGGGATCTACCCGCTCCACCCAGCTGGACCGCAACTCTCTGTCCGAGCAGCAG
 CAGCAGCAGCGGAGGAGCAGGACGACTACGAGGCTGCCTACTGGGCATCCATGAGGTCTTCTACGAGA
 AGAACCCGAGCTGCTCGCGCCCCTGGCCGCCAAACCCAGAAGCCATCACCATTGCTCTCTATCCTG
 CGCGCTCTTCAACATGGTGGACGGCAGGAAAATCTACGAGCAAGAGGTCTGGAAAAGTACATGGAGTAT
 CAGTCAACCAATGAGAACGTCATCTGACCCCGGGCCCGCGTTCGCTTCAAGGCACTACAGTATG
 TCAATGCTAGACTCCGTGATCTATCTGATGAACAGGACTTATTTGATATTGTAAGTACTGATGACTAATAA
 CCATGCCCAAGTGGGAGTGGCGCTTATAACAGCGTCAATCACTACGGCTTACTGATTGACCGCTTCTGT
 CTGACCGGGGGAAAAGACCCATTGGCTATTTGAAGGCATATCTTACCAACTTGATATTGCTGCAGATT
 CTGAAAAAGTGCAAGAGGCAATACAAGAAGTATTGCCCTCTGCGACAATGTTTGATGGAGCCAAAGACAT
 GGCTTACTGTGACACTCAGCTCCGTGTAGCCTTTGATGGGGATGCTGTCCTCTTCTCTGATGAGTCTGAA
 CATTTTACCAAGGAGCATGGGCTCGACAAATTCTTCCAGTATGATACATTATGTGAAAGTAAGCCTCTTG
 CTCAGGAAGAGCCTAGGCTGGATGTCTTGATCAATAACGCAGGGATCTTCCAGTGCCTTACATGAAGAC
 TGAAGATGGGTTTGAGATGCAGTTCGGAGTGAACCATCTGGGGCACTTCTACTACCAATCTTCTCCTT
 GGACTCCTCAAAAGTTCAGCTCCCAGCAGGATTGTGGTAGTTTCTTCCAACTTTATAAATACGGAGACA
 TCAATTTTGATGACTTGAACAGTGAACAAAGCTATAATAAAAGCTTTTGTATAGCCGGAGCAAACTGGC
 TAACATTCTTTTTACCAGGGAAGTACCCGCCGCTTAGAAGGCACAAATGTACCGTCAATGTGTTGCAT
 CCTGGTATTGTACGGACAAATCTGGGGAGGCACATACACATTCCACTGTTGGTCAAACCACTCTTCAATT
 TGGTGTATGGGCTTTTTTCAAACTCCAGTAGAAGGTGCCCAGACTTCATTTATTTGGCCTCTTCACC
 TGAGGTAGAAGGAGTGTGAGGAAGATACTTTGGGGATTGTAAAGAGGAAGAACTGTTGCCAAAGCTATG
 GATGAATCTGTTGCAAGAAAACCTCTGGGATATCAGTGAAGTATGGTTGGCCTGCTAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC231355 representing NM_001199103 Red=Cloning site Green=Tags(s) MSQTSLKQKKNEPGMRSSKESLEAEKRKESDKTGVRLSNQGSQESSLRKTDSDRGYLVRSQWSRISRSPST KAPSIDEPSSRNTSAKVELPSSSTSSRTPSTSPSLHDSSPPPLSGQPSLQPPASPQLPRSLDSRPPTPE PDPGSRSTKMQENPEAWAQGIVREIRQTRDSQPLEYSRTSPTTEWKSSSQRRGIYPASTQLDRNSLSEQQ QQQREDEDDYEAYWASMRSFYEKNPSCSRPWPPKPKNAITIALSSCALFNMVDGRKIYEQEGLEKYMAY QLTNENVILTPGPAFRFVKALQYVNARLRDLYPDEQDLFDIVLMTNNHAQVGVRLINSVNHYGLLIDRFC LTGGKDPIDGKAYLTNLYIAADSEKVEAIQEGIASATMFDGAKDMAYCDTQLRVAFDGDVLFSDSESE HFTKEHGLDKFFQYDTLCEKPLAQEPRDLVLIINNAGIFQCPYMKTEDGFEMQFGVNHGHLGNLLTNLL GLLKSSAPSRIVVSSKLYKYGDIFFDLNSEQSYNKSFCYSRSKLANILFTRELARRLEGNTVTNVNLH PGIVRTNLGRHIHPLLVKPLFNLVSWAFFKTPVEGAQTSIYLASSPEVEGVSGRYFGDCKEEELLPKAM DESVARKLWDISEVMVGLLK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001199103
ORF Size:	1950 bp
Buffer:	PBS with 0.001% Pluronic F9946
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_001199103.1, NP_001186032.1</u>
RefSeq ORF:	1953 bp
Locus ID:	100526794
Cytogenetics:	2p24.2
MW:	73.7 kDa