

Product datasheet for **RC211087A1V**

Human NT5DC1 (NM_152729) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NT5DC1 (NM_152729) AAV Particle
Tag:	Myc-DDK
Symbol:	NT5DC1
Synonyms:	C6orf200; LP2642; NT5C2L1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC211087 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCAGCACTTCTCCCTGGCCGCTGCGACGTGGTCGGATTGACCTGGACCACACTCTGTGTCGCT
 ACAACCTGCCCGAGAGCGCCCGCTCATTTATAATAGCTTTGCCAGTTCCTAGTTAAGGAGAAAGGGTA
 CGATAAGGAATTGCTCAATGTGACCCAGAGGATTGGGATTTCTGTTGCAAAGGTTGGCATTGGATCTA
 GAAGATGGGAACCTCTTAACTTGCAAATAATGGCACTGTTCTCAGGGCAAGCCATGGCACCAAGATGA
 TGACTCCAGAGGTGCTGGCAGAGGCATATGGCAAGAAAGAGTGAAGCACTTCTGTGCGACACTGGAAT
 GGCTTGGCGCTCAGGAAAGTATTACTTTACGACAACACTTTGACCTGCCAGGAGCTCTTCTGTGTGCC
 AGGGTGGTGGACTATTTAACAACTGAACAATGGTCAAAAAACATTTGATTTTTGGAAGGATATAGTTG
 CTGCTATACAACAATTATAAAATGTCAGCTTTTAAGGAAACTGTGGAATATATTTCCAGAAATAAA
 AAGAGATCCAGGCAGATATTTACATAGTTGCTGAATCTGTGAAAAATGGCTTCGACAGCTAAAGAAT
 GCTGGGAAATCTTCTGTTAATTACCAGTTCTCACAGTGATTACTGTAGACTTCTCTGCGAATATATTC
 TTGGGAATGATTTACAGACCTTTTGACATTGTGATTACAAATGCATTGAAGCCTGGTTTCTTCTCCCA
 CTTACCAAGTCAGAGACCTTTCCGGACACTCGAGAATGATGAGGAGCAGGAGGCACTGCCATCTCTGGAT
 AAACCTGGCTGGTACTCCCAAGGGAACGCTGTCCACCTCTATGAACCTTCTGAAGAAAATGACTGGCAAAC
 CTGAACCAAGGTTGTTATTTTGGTGACAGCATGCATTAGATATTTCCAGCTCGTCACTATAGTAA
 TTGGGAGACAGTCCTCATCCTGGAAGAACTCAGAGGGGATGAAGGCACGAGGAGTCAGAGGCTGAGGAG
 TCAGAGCCTCTAGAGAAGAAAGGAAAATATGAGGGACCAAAAGCAAAACCTTTAAATACTTCATCTAAAA
 AATGGGCTCTTTTTTATTGATTCAGTTTGGGACTGGAAAATACAGAAGACTCCTTGGTTTATACATG
 GTCTTGTAAAGAAATCAGTACTTACAGCACTATTGCAATTCCAAGTATTGAAGCAATCGCAGAATTACCT
 CTGGACTACAAATTTACAGATTCTCTCAAGCAATTCAAAACAGCTGGCTACTATCCAAATCCTCCAC
 TGGTCTTATCAAGTGATGAGACACTGATATCCAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC211087 protein sequence
 Red=Cloning site Green=Tags(s)

MAQHFSLAACDVVGFDLHTLCRYNLPESAPLIYNSFAQFLVKEKGYDKELLNVTPEWDWDFCKGLALDL
 EDGNFLKLANNGTVLRASHGTKMMTPEVLAAYGKKEWKHFLSDTGMACRSGKYFYFDNYFDLPGALLCA
 RVVDYLTCLNNGQKTFDFWKDIVAAIQHNYKMSAFKENCIGIYFPEIKRDPGRYLHSCPESVKKWLRQLKN
 AGKILLITSSSDYCRLLCEYILGNDFDLFDIVITNALKPGFFSHLPSQRPFRLENDEEQEALPSLD
 KPGWYSQGNVHLYELLKKMTGKPEPKVYFVGDMSHSDIFPARHYSNWETVLILEELRGDEGTRSQRPEE
 SEPLEKKGKYEGPKAKPLNTSSKKWGSFFIDSVLGLENTEDSLVYTWCKRISTYSTIAIPISIEIAIELP
 LDYKFTFRFSSNSKTAGYYPNPPLVLSDETLLSK

TRTRPLE**QKLISEEDLA**ND**ILDYKDDDDKV**

Species:

Human

Serotype:

AAV-2

ACCN:

NM_152729

ORF Size:

1365 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_152729.2</u>
RefSeq Size:	3193 bp
RefSeq ORF:	1368 bp
Locus ID:	221294
UniProt ID:	<u>Q5TFE4</u>
Cytogenetics:	6q22.1
MW:	51.8 kDa