

Product datasheet for **RC209568A1V**

Human CD73 (NT5E) (NM_002526) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CD73 (NT5E) (NM_002526) AAV Particle
Tag:	Myc-DDK
Symbol:	NT5E
Synonyms:	CALJA; CD73; E5NT; eN; eNT; NT; NT5; NTE
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209568 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTGTCCCCGAGCCGCGCGGGCGCCGCGACGCTACTCCTCGCCCTGGGCGCGGTGCTGTGGCCTGCGG
 CTGGCGCCTGGGAGCTTACGATTTTGCACACCAACGACGTGCACAGCCGGCTGGAGCAGACCAGCGAGGA
 CTCCAGCAAGTGCGTCAACGCCAGCCGCTGCATGGGTGGCGTGGCTCGGCTCTTCACCAAGGTTCAAGCAG
 ATCCGCGCGCGCAACCAACGTGCTGCTGGACGCCGCGGACAGTACCAGGGCACTATCTGGTTCA
 CCGTGTACAAGGGCGCGGAGGTGGCGCACTTCAATGAACGCCCTGCGCTACGATGCCATGGCACTGGGAAA
 TCATGAATTTGATAATGGTGTGGAAGGACTGATCGAGCCACTCCTCAAAGAGGCCAAATTTCCAATTCTG
 AGTGCAACATTAAAGCAAAGGGGCCACTAGCATCTCAAATATCAGGACTTTATTTGCCATATAAAGTTC
 TTCTGTGGTGTGAAGTTGTGGGAATCGTTGGATACACTTCCAAAGAAACCCCTTTTCTCTCAATATCC
 AGGGACAAATTTAGTGTTTGAAGATGAAATCACTGCATTACAACCTGAAGTAGATAAGTTAAAACTCTA
 AATGTGAACAAATTATTGCACTGGGACATTCCGGTTTTGAATGGATAAACTCATCGCTCAGAAAGTGA
 GGGGTGTGGACGTCGTGGTGGGAGGACACTCCAACACATTTCTTTACACAGGCAATCCACCTTCCAAAGA
 GGTGCCTGCTGGGAAGTACCCATTCTAGTCACTTCTGATGATGGGCGGAAGTTCTGTAGTCCAGGCC
 TATGCTTTTGGCAATACCTAGGCTATCTGAAGATCGAGTTTGTGAAAGAGGAAACGTCATCTCTTCCC
 ATGGAAATCCCATTCTTCTAAACAGCAGCATTCTGAAGATCCAAGCATAAAAGCAGACATTAAACAAATG
 GAGGATAAAATTGGATAATTATCTACCCAGGAATTAGGGAACAATTTGTCTATCTGGATGGCTCCTCT
 CAATCATGCCGCTTTAGAGAATGCAACATGGGCAACCTGATTTGTGATGCAATGATTAAACAACCTGA
 GACACGCGGATGAAACGTTCTGGAACCACTGATCCATGTGCATTTAAATGGAGGTGGTATCCGGTCGCC
 CATTGATGAACGCAACAATGGCACAATTACCTGGGAGAACCTGGCTGCTGTATTGCCCTTTGGAGGCACA
 TTTGACCTAGTCCAGTTAAAAGTTCCACCCTGAAGAAGGCCTTTGAGCATAGCGTGCACCGCTACGGCC
 AGTCCACTGGAGAGTTCTGCAGGTGGGCGGAATCCATGTGGTGTATGATCTTTCCCGAAACCTGGAGA
 CAGAGTAGTCAAATTAGATGTTCTTTGCACCAAGTGTGAGTGGCCAGTTATGACCTCTCAAAATGGAC
 GAGGTATATAAGGTGATCCTCCAAACTTCTGGCCAATGGTGGAGATGGGTCCAGATGATAAAAGATG
 AATTATTAAGACATGACTCTGGTGACCAAGATATCAACGTGGTTTCTACATATATCTCCAAATGAAAGT
 AATTTATCCAGCAGTTGAAGGTCGGATCAAGTTTTCCACAGGAAGTCACTGCCATGGAAGCTTTTCTTTA
 ATATTTCTTTCACTTTGGGCAGTGATCTTTGTTTTATACCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209568 protein sequence
 Red=Cloning site Green=Tags(s)

MCPRAARAPATLLLLGAVLWPAAGAWELTILHTNDVHSRLQTSSESSKCVNASRCMGGVARLFTKVQQ
 IRRAPENVLLLDAGDQYQGTIWFIVYKGAIEVAHFMMALRYDAMALGNHEFDNGVEGLIEPLLKEAKFPIL
 SANIKAKGPLASQISGLYLPYKVLPGDEVVIGVYTSKETPFLSNPGTNLVFEDEITALQPEVDKLT
 NVNKIIALGHSGFEMDKLIAQKVRGVDVVVGGHSNTFLYTGNPPSKEVPAGKYPIVTSDDGRKVPVQQA
 YAFGKYLGLKIEFDERGNVISHGNPILLNSSIPEDPSIKADINKWRIKLDNYSTQELGKTIVYLDGSS
 QSCRFRECNMGNLICDAMINNLRHADETFWNHVMCILNNGGIRSPIIDERNNGTITWENLAAVLPFGGT
 FDLVQLKGSTLKKAFEHSVHRYGQSTGEFLQVGGIHVVYDLRKPGDRVVKLDVLCTKCRVPSYDPLKMD
 EYVKVILPNFLANGDGFQMIKDELLRHDSGDQDINVSTYISKMKVIYPAVEGRIFSTGSHCHGSFSL
 IFLSLWAVIFVLYQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_002526
ORF Size:	1722 bp
Buffer:	PBS with 0.001% Pluronic F6462
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_002526.1</u>
RefSeq Size:	4086 bp
RefSeq ORF:	1725 bp
Locus ID:	4907
UniProt ID:	<u>P21589</u>
Cytogenetics:	6q14.3
MW:	63.3 kDa