

Product datasheet for **RC204288A1V**

Human **DYNC2I2 (NM_052844)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DYNC2I2 (NM_052844) AAV Particle
Tag:	Myc-DDK
Symbol:	DYNC2I2
Synonyms:	bA216B9.3; CFAP133; DIC5; FAP133; SRTD11; WDR34
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC204288 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAACCCGCGCGCAGCCGGGGCCACTCAGCCAGGCGGGAAGCGCTGGTGTTCGGCGCTGGCGACAG
 TCGGGGTTGCGAGCGGCCCGGGGCCGGGGCGGCCAGGGCCGCTGCAGGACGAGACCCTGGGTGTGGCGTC
 CGTGCCCTCGCAGTGGAGGGCCGTCCAGGGCATCCGCGGGGAGACGAAAAGTTGCCAGACGGCCAGCATT
 GCCACTGCCAGTGCATCCGCCAGGCCAGGAATCATGTGGACGCCAGGTGCAGACGGAGGCCCGCTGC
 CTGTCAGCGTGCAGCCCCGTCCAGTACGACATACCCAGGCTTGACGCTTTCTTCGGAGAGTGGAGGC
 CATGGTCATCCGAGAGCTGAACAAGAATTGGCAGAGCCACGCTTTGATGGCTTCGAGGTGAAGTGGACC
 GAGCAGCAGCAGATGGTGTCTTGCTGTATACCTGGGCTACCCGCCAGCCCAAGCGCAGGGTCTGCATG
 TGACCAGCATCTCCTGGAATCCACTGGCTCTGTGGTGGCCTGTGCCTACGGCCGGCTGGACCATGGGA
 CTGGAGCAGCTTAAGTCTTCGTGTGTGCCTGGAACCTGGACCGGCAGACCTGCGTCCCAGCAACCG
 TCGGCCGTGGTGGAGGTCCCAGCGCTGTCTGTGTGCCTTCCACCCACGACAGCCCTCCCACGTCTG
 CAGGAGGGCTGTACAGTGGTGGTGTGGTGTGGGACCTGAGCCGTCTTGAGGACCCGCTGCTGTGGCG
 CACAGGCCTGACGGATGACACCCACACAGACCTGTGTCCAGGTGGTGTGGTGCCTGAGCCTGGGCAC
 AGCCACCGCTTCAGGTGCTGAGTGTGGCCACTGACGGGAAGGTGCTACTCTGGCAGGGCATCGGGTAG
 GCCAGCTGCAGCTCACAGAGGGCTTCGCCCTGGTATGCAGCAGCTGCCACGGAGCACCAGCTCAAGAA
 GCATCCCCGCGGGGAGACCGAGGTGGGCGCCACGGCAGTGGCCTTCTCCAGCTTTGACCTAGGCTGTT
 ATTCTGGGCACGAAGGCGGCTTCCCGCTCAAGTGTTCCTGGCAGCTGGAGAGGCAGCCCTCACGCGGA
 TGCCAGCTCCGTGCCCTGCGGGCCCCAGCACAGTTTACCTTCTCCCCACGGCGGTCCCATCTACTC
 TGTGAGCTGTTCCCCCTTCCACAGGAATCTTCTCTGAGCGCTGGGACTGACGGGCATGTCCACCTGTAC
 TCCATGCTGCAGGCCCTCCCTTGACTTCGCTGCAGCTCTCCCTCAAGTATCTGTTTGTGTGCGCTGGT
 CCCCAGTGCGGCCCTTGGTTTTTGCAGCTGCCTCTGGGAAAGGTGACGTGCAGCTGTTTGTCTCCAGAA
 AAGCTCCAGAAACCCACAGTTTTGATCAAGCAAAACCCAGGATGAAAGCCCTGTCTACTGTCTGGAGTTC
 AACAGCCAGCAGACTCAGCTCTTGGCTGCGGGCGATGCCAGGGCAGTGAAGGTGTGGCAGCTGAGCA
 CAGAGTTCACGGAACAAGGGCCCCGGAAGCTGAGGACCTGGACTGCCTGGCAGCAGAGGTGGCGGCC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204288 protein sequence
 Red=Cloning site Green=Tags(s)

MATRAQPGPLSQAGSAGVAALATVGVASGPGPRGPGPLQDET LGVASVPSQWRAVQGIRGETKSCQTASI
 ATASASAQARNHVD AQVQTEAPVPVSQPPSQYDIPRLAAFLRRVEAMVIRELNKNWQSHAFDGFVNWT
 EQQMVSCLYTLGYPPAQAGLHVTSISWNSTGSVVACAYGRLDHGDWSTLKS FVCAWNLD RDRDLRPQP
 SAVVEVPSAVLCLAFHPTQPSHVAGGLYSGEVLVWDL SRLEDPLLWRTGLTDDTHDPVSQVWVLP EPGH
 SHRFQVLSVATDGKVLLWQIGIGVQLQLTEGFALVMQQLPRSTKLKHPRGETE VGATAVAFSSFD PRLF
 ILGTEGGFPLKCSLAAGEAALTRMPSSVPLRAPAQFTFSPHGGPIYSVSCSPFHRNLF L SAGTDGHVHLY
 SMLQAPPLTSLQLSLKYLFAVRWSPVRPLVFAAASGKGDVQLFDLQKSSQKPTVLIKQTQDESPVYC LEF
 NSQQTQLLAAGDAQGT VKVWQLSTEFTEQGPREAEDLDCLAAEVA A

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_052844

ORF Size:

1608 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_052844.3, NP_443076.2</u>
RefSeq Size:	1818 bp
RefSeq ORF:	1611 bp
Locus ID:	89891
UniProt ID:	<u>Q96EX3</u>
Cytogenetics:	9q34.11
MW:	57.7 kDa