

Product datasheet for **RC204954A1V**

Human NDUFV1 (NM_007103) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NDUFV1 (NM_007103) AAV Particle
Tag:	Myc-DDK
Symbol:	NDUFV1
Synonyms:	CI-51K; CI51KD; MC1DN4; UQOR1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204954 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCTGGCAACACGGCGGCTGCTCGGCTGGTCGCTTCCCGCGCGGGTATCTGTGCGTTTCAGCGGCGACA
 CGACAGCACCCAAGAAAACCTCATTTGGCTCGCTGAAGGATGAAGACCGGATTTTCACCAACCTGTACGG
 CCGCCATGACTGGAGGCTGAAAGGTTCCCTGAGTCGAGGTGACTGGTACAAGACAAGGAGATCTGTCTG
 AAGGGGCGGACTGGATCCTGGGCGAGATCAAGACATCGGGTTTGAGGGGCGGTGGAGGCGCTGGCTTCC
 CCACTGGCCTCAAGTGGAGCTTCATGAATAAGCCCTCAGATGGCAGGCCCAAGTATCTGGTGGTGAACGC
 AGACGAGGGGAGCGGGGCACCTGCAAGGACCGGGAGATCTTACGCCATGATCCTCACAAGCTGCTGAA
 GGCTGCCTGGTGGGGGCGGGCCATGGGCGCCCGCGCTGCCTATATCTACATCCGAGGGGAATTCTACA
 ATGAGGCTCCAATCTGAGGTGGCCATCCGAGAGGCTATGAGGAGGTCTGATTGGCAAGAATGCTTG
 TGGCTCTGGCTATGATTTTGACGTGTTTGTGGTGCAGGGGCTGGGGCTACATCTGTGGAGAGGAGACA
 GCGCTCATCGAGTCCATTGAGGGCAAGCAGGGCAAGCCCGCCTGAAGCCCCCTTCCCCGAGAGCTGG
 GAGTGTGGTGGCTGCCCCACAACGTGGCCAACGTGGAGACAGTGGCAGTGTCCCCACAATCTGCCGCCG
 TGGAGGTACCTGGTTTGTGGCTTGGCAGAGAACGCAACTCAGGCACCAAACTATTCAACATCTCTGGC
 CATGTCAACACCCTTGGACTGTGGAGGAGGAGATGTCTGTGCCCTTGAAGAAGTATTGAGAAGCATG
 CTGGGGGTGTACGGGCGGCTGGGACAACCTCCTTGTGTGATCCCTGGCGGCTCGTCTACCCCACTGAT
 CCAAAGTCTGTGTGTGAGACGGTGTGATGGACTTCGATGCGCTGGTGCAGGCACAGACAGGCTGGGC
 ACAGCTGCGGTGATCGTCATGGACCGCTCGACGGACATCGTGAAGCCATCGCCCGCCTCATTGATTCT
 ATAAGCACGAGAGCTGTGGCCAGTGTACCCATGCCGTGAGGGTGTGGACTGGATGAACAAGGTGATGGC
 ACGTTTTCGTGAGGGGGGATGCCCGGCCGCGGAGATCGACTCCCTGTGGGAGATCAGCAAGCAGATAGAA
 GGCCATACGATTTGTGCTCTGGGTGACGGGGCCGCTGGCCTGTGCAGGGTCTGATCCGCCACTTTCGGC
 CGGAGCTCGAGGAGCGGATGCAGCGTTTGCCAGCAGCATCAGGCCCGGCAGGCTGCCTCT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204954 protein sequence
 Red=Cloning site Green=Tags(s)

MLATRRLLGWSLPARVSVRFSGDTTAPKKSFGSLKDEDRIFTNLYGRHDWRLKGSLSRGDWYKTEILL
 KGPDWILGEIKTSGLRGRGGAGFPTGLKWSFMNKPSDGRPKYL VVNADEGEPGTCKDREILRHDPHKLLE
 GCLVGGGRAMGARAAYIYIRGEFYNEASNLQVAIREAYEAGLIGKNACGSGYDFDFVVRGAGAYICGEET
 ALIESIEGKQKPRPKPPFPADVGVFVGCPTTVANVETVAVSPTICRRGGTWFAFGGRERNSGTCLFNISG
 HVNHPCTVEEEMSVPLKELIEKHAGGVTGGWNLAVIPGGSSTPLIPKSVCTVLMDFDALVQAQTGLG
 TAAVIVMDRSTDIVKAIARLIEFYKHESCGQCTPCREGVDWMNKVMARFVRGDARPAEIDSLWEISKQIE
 GHTICALGDGAAPVPQGLIRHFRPELEERMQRFAQQHQAQQAAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_007103

ORF Size:

1392 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_007103.2</u>
RefSeq Size:	1631 bp
RefSeq ORF:	1395 bp
Locus ID:	4723
UniProt ID:	<u>P49821</u>
Cytogenetics:	11q13.2
MW:	50.8 kDa