

Product datasheet for **RC205506A1V**

Human NDUF51 (NM_005006) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NDUF51 (NM_005006) AAV Particle
Tag:	Myc-DDK
Symbol:	NDUF51
Synonyms:	CI-75k; CI-75Kd; MC1DN5; PRO1304
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC205506 representing NM_005006
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTAAGGATACCTGTAAGAAAGGCCTTAGTAGGCCTTCTAAGTCTCCTAAAGGATGTGTTCGAACAA
 CTGCCACAGCAGCAAGCAACTTGATTGAAGTATTTGTTGATGGTCAGTCTGTCATGGTGAACCGGGAAC
 GACCGTCTCCAAGCTTGTGAGAAGGTTGGCATGCAGATCCCTCGATTCTGTTATCATGAAAGGTTGTCT
 GTTGCTGGAACTGCAGGATGTGCCTTGTGAAATTGAGAAAGCCCTAAGGTTGTAGCTGCTTGTGCCA
 TGCCAGTAATGAAGGTTGGAATATCTAACAACCTCAGAAAAATCCAAAAAGCCAGGGAAGGTGTGAT
 GGAGTTCTTATTAGCAAATCACCCATTGGACTGTCCTATTTGTGACCAGGGAGGTGAATGTGATCTGCAG
 GACCAGTCCATGATGTTTGGAAATGATAGGAGCCGATTTTATAGAGGGGAAGCGTGTGTGAAGACAAGA
 ACATTGGGCCATTGGTAAAGACCATCATGACAAGATGTATACAGTGTACTCGCTGCATCAGGTTTGCAAG
 TGAGATTGCAGGAGTAGATGATTGGGAACAACAGGCAGAGGAAATGATATGCAAGTTGGCACATACATT
 GAAAAGATGTTTATGTCTGAACGTGTCTGGGAATATCATTGATATCTGCCCTGTAGGTGCCCTAACCTCTA
 AGCCCTATGCCTTTACTGCCAGCCTTGGGAAACAAGAAAGACAGAATCCATTGATGTAATGGATGCGGT
 TGGAAGTAATATTGTGGTTAGCACAAGAACTGGAGAAGTGATGAGGATTTTGCACGTATGCATGAGGAC
 ATCAATGAAGAGTGGATCTCTGATAAAACCAGATTTGCCTATGATGGGCTAAAACGTCAAAGACTTACCG
 AGCCAATGGTCAGAAATGAAAAGGGCTTTTAACTATACTTCTTGGGAGGATGCGCTCTCTCGCGTAGC
 TGGAATGTTGCAGAGTTTCAAGGCAAGATGTGGCAGCAATTGCAGGTGGCTTGGTGGATGCTGAAGCC
 CTGGTAGCTCTCAAAGATTTGCTTAATAGAGTGGACTCTGACACCTTATGCACTGAAGAGGTCTTCCCCA
 CTGCAGGAGCTGGCACAGATTTGCGTTCCAATTATCTTCTTAATACTACAATTGCTGGTGTGGAAGAGGC
 AGATGTTGTCTTCTGTTGGTACAAACCCACGTTTTTGAGGCACCACTGTTAATGCTAGAATTCGAAAG
 AGCTGGCTGCATAATGACTTAAAGTGCCCTTATAGGCAGTCCAGTGGACCTCACTTACACATATGACC
 ACCTGGGAGACTCCCCAAAATTCTTCAAGACATTGCTTCGGGAAGCCATCCATTTAGCCAGGTCTTAA
 GGAAGCTAAAAAACCAATGGTGGTTTTAGGCAGTTCTGCACTCCAAAGAAATGATGGAGCAGCAATTCTT
 GCAGCTGTTTCTAGCATTGCACAAAAGATTGCGATGACTAGTGGTGTACTGGTATTGGAAAGTTATGA
 ATATCCTTCATAGGATTGCAAGTCAAGTAGCTGCTTTGGACCTTGGCTATAAGCCTGGGGTGAAGCAAT
 TCGGAAGAACCCTCCCAAGGTGCTGTTTCTCTGGGAGCAGATGGAGTTGTATCACACGACAGGATTTG
 CCAAAGGATTGTTTCATTATTTATCAAGGACATCATGGTATGTTGGGGCTCCCATAGCTGATGTTATTC
 TCCCAGGAGCTGCTTACACAGAGAAGTCTGCTACATATGTCAACACTGAGGGTAGAGCTCAGCAGACTAA
 GGTAGCAGTGACACCTCTGGCTTGGCAAGAGAAGACTGGAAAATTATAAGAGCACTCTCTGAGATTGCT
 GGAATGACTCTTCCATATGATACTCTGGATCAAGTAAGGAACAGATTGGAAGAAGTCTCTCCTAATCTTG
 TTCGATATGATGATATTGAAGGGGCTAATTACTTCCAGCAAGCAAATGAGCTCTCAAAGCTAGTGAACCA
 GCAGCTTCTTGCTGACCCACTTGTTCACCTCAGCTAACTATAAAGACTTCTACATGACAGATTCAATT
 AGCAGAGCCTCACAGACAATGGCCAAATGTGTCAAAGCTGTACAGAGGGTGCCAGGCAGTAGAGGAAC
 CATCCATATGC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC205506 representing NM_005006 Red=Cloning site Green=Tags(s) MLRIPVRKALVGLSKSPKGCVRTTATAASNLIIEVFVDGQSVMEPGTTVLQACEKVMQIPRFCYHERLS VAGNCRMCLVEIEKAPKVVAACAMPVMKGWNILTNSEKSKKAREGVMEFLLANHPLDCPICDQGGECDLQ DQSMFMGNDRSRFLGKRAVEDKNIGPLVKTIMTRCIQCTRCIRFASEIAGVDDL GTTGRGNDMQVGTYI EKMFMSELSGNIIDICPVGALT SKPYAFTAQPWETRKTESIDVMDAVGSNIVVSTRTGEVMRILPRMHED INEEWISDKTRFAYDGLKRQLTEPMVRNEKGLLTYTSWEDALSRVAGMLQSFQGKDVA AIAGGLVDAEA LVALKDLLNRVSDTLCTEEVFPTAGAGTDLRSNYLLNTTIAGVEEADVLLVGTNPRFEAPLFNARIRK SWLHNDLKVALIGSPVDLTYYDHLGDSPKILQDIASGSHPFSQLKEAKKPMVVLGSSALQRNDGAAAIL AAVSSIAQKIRMTSGVTGDWKVMNILHRIASQVAALDLGYKPGVEAIRKNPPKVLFLLGADGGCITRQDL PKDCFIIYQGHGHDVGAPIADVILPGAAYTEKSATYVNTTEGRAQQTKVAVTPPGLAREDWKIIRALSEIA GMTLPYDTLDQVRNRLEEVS PNLVRYDDIEGANYFQQANELSKLVNQQLADPLVPPQLTIKDFYMTDSI SRASQTMACVKAVTEGAQAVEEPSIC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005006
ORF Size:	2181 bp
Buffer:	PBS with 0.001% Pluronic F5716
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:	NM_005006.5
RefSeq Size:	3417 bp
RefSeq ORF:	2184 bp
Locus ID:	4719
UniProt ID:	P28331
Cytogenetics:	2q33.3
MW:	79.44 kDa