

Product datasheet for **RC201572A1V**

Human NDUFA10 (NM_004544) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NDUFA10 (NM_004544) AAV Particle
Tag:	Myc-DDK
Symbol:	NDUFA10
Synonyms:	CI-42k; CI-42KD; MC1DN22
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC201572 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCTTGCGGCTCCTGAAGCTGGCAGCGACGTCCGCGTCCGCCGGGTCTGGCGCGGGCGCCAGC
GCGTGAGAGGAATTCATAGCAGTGTGCAGTGCAAGCTGCGCTATGGAATGTGGCATTTCCTACTTGGGGA
TAAAGCAAGCAAAAGACTGACAGAACGCAGCAGAGTGATAACTGTAGATGGCAATATATGTACTGGAAAA
GGCAAACCTTGCAAAAGAAATAGCAGAGAACTAGGCTTCAAGCACTTTCCTGAAGCGGGATTTCATTATC
CAGACAGTACCACAGGAGATGGGAAGCCCTCGCCACCGACTATAATGGCAACTGTAGTTTGGAGAAAT
TTACGATGATCCGAGAAGCAATGATGGCAACAGTTACCGCCTGCAGTCCTGGTTGTACAGCAGTCGCCTG
CTGCAGTACTCAGATGCCTTGGAGCACTTGCTGACCACAGGACAAGGTGTTGTGTTGGAGCGCTCCATCT
TCAGTGACTTTGTGTTCTGGAGGCGATGTACAACCAGGGATTTCATCCGAAAGCAGTGTGTGGACCACTA
CAACGAGGTGAAGAGCGTCACCATCTGCGATTACCTGCCCCCACCCTGGTGATTACATCGATGTGCC
GTTCCAGAGGTCCAGAGGCGGATTGAGAAGAAAGGAGATCCACATGAAATGAAGATCACCTCTGCCTATC
TACAGGACATTGAGAATGCCTATAAGAAAACCTTCTCCCTGAGATGAGTGAAAAATGTGAGGTTTTACA
GTATTCTGCAAGGGAAGCTCAAGATTCAAAAAGGTGGTAGAGGACATTGAATACCTGAAGTTTCGATAAA
GGGCCGTGGCTCAAGCAGGACAATCGCACTTTATACCACCTGCGATTACTGGTTCAGGATAAGTTTGAGG
TGCTGAATTACACAAGCATTCTATCTTCTCCGGAAGTCACCATTTGGAGCTCATCAGACTGACCGTGT
CTTACATCAGTTCAGAGAGCTGCCGGGCCGCAAGTACAGCCCTGGGTACAACACCGAGGTGGGAGACAAG
TGGATCTGGCTGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC201572 protein sequence Red=Cloning site Green=Tags(s) MALRLLKLAATSASARVVAAGAQRVIRGIHSSVQCKLRYGMWHFLLGDKASKRLTERSRVITVDGNICTGK GKLAKIEIAEKLGFKEHPEAGIHYPDSTTGDKPLATDYNNGCSLEKFYDDPRSDNGNSYRLQSWLYSSRL LQYSDALEHLLTTGQGVVLERSIFSDFVLEAMYNQGFIRKQCVHDHYNEKSVTICDYLPPHLVIYIDVP VPEVQRRIRKQKGDPEMKITSAYLQDIENAYKKTFLPEMSEKCEVLQYSAREAQDSKKVVEDIEYLKFDK GPWLKQDNRTLHLRLLVQDKFEVLNYTSIPIFLPEVTIGAHQTDRLVHQFRELPGRKYSPPGYNTEVGDK WIWLK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004544
ORF Size:	1065 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:	NM_004544.2
RefSeq Size:	4928 bp
RefSeq ORF:	1068 bp
Locus ID:	4705
UniProt ID:	O95299
Cytogenetics:	2q37.3
MW:	40.8 kDa