

Product datasheet for **RC203485A1V**

Human NDUFS2 (NM_004550) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NDUFS2 (NM_004550) AAV Particle
Tag:	Myc-DDK
Symbol:	NDUFS2
Synonyms:	CI-49; MC1DN6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC203485 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGGCGCTGAGGGCTTTGTGCGGCTTCCGGGGCGTCGCGGCCAGGTGCTGCGGCCTGGGGCTGGAG
 TCCGATTGCCGATTTCAGCCAGCAGAGGTGTTCCGCGAGTGCGAGCCAGATGTGGAATGGGCACAGCAGTT
 TGGGGGAGCTGTTATGTACCAAGCAAAGAAACAGCCACTGGAAGCCTCCACCTTGAATGATGTGGAC
 CCTCAAAGGACACAATTGTGAAGAACATTACCTGAACCTTTGGGCCCAACACCCAGCAGCGCATGGTG
 TCCTGCGACTAGTGATGGAATTGAGTGGGGAGATGGTGCAGGAGTGATCCTCACATCGGGCTCCTGCA
 CCGAGGCACTGAGAAGCTCATTGAATACAAGACCTATCTTCAGGCCCTCCATACTTTGACCGGCTAGAC
 TATGTGTCATGATGTGAACGAACAGGCCTATTCTCTAGCTGTGGAGAAGTTGCTAAACATCCGGCCTC
 CTCTCGGGCACAGTGGATCCGAGTGCTGTTTGGAGAAATCACACGTTTGTGAACCATCATGGCTGT
 GACCACACATGCCCTGGACCTTGGGGCCATGACCCCTTTCTTCTGGCTGTTTGAAGAAAGGGAGAAGATG
 TTTGAGTTCTACGAGCGAGTGCTGGAGCCGAATGCATGCTGCTTATATCCGGCCAGGAGGAGTGCACC
 AGGACCTACCCCTTGGGCTTATGGATGACATTTATCAGTTTTCTAAGAACTTCTCTCTCGGCTTGATGA
 GTTGGAGGAGTTGCTGACCAACAATAGGATCTGGCGAAATCGGACAATTGACATTGGGGTTGTAACAGCA
 GAAGAAGCACTTAACATATGGTTTTAGTGGAGTGATGCTTCGGGGCTCAGGCATCCAGTGGGACCTCGGA
 AGACCCAGCCCTATGATGTTTACGACCAGGTTGAGTTTGATGTTCTGTTGGTTCTCGAGGGGACTGCTA
 TGATAGGTACCTGTGCCGGTGGAGGAGATGCCAGTCCCTGAGAATTATCGCACAGTGCTAAACAAG
 ATGCCCTCTGGGAGATCAAGGTTGATGATGCCAAAGTGCTCCACCTAAGCGAGCAGAGATGAAGACTT
 CCATGGAGTCACTGATTCACTTTAAGTTGTATACTGAGGGCTACCAAGTTCTCCAGGAGCCACATA
 TACTGCCATTGAGGCTCCAAGGAGAGTTTGGGGTGTACCTGGTGTCTGATGGCAGCAGCCGCCCTTAT
 CGATGCAAGATCAAGGCTCCTGGTTTTGCCATCTGGCTGGTTTGGACAAGATGTCTAAGGGACACATGT
 TGGCAGATGCTGTTGCCATCATAGGTACCCAAGATATTGTATTTGGAGAAGTAGATCGG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203485 protein sequence
 Red=Cloning site Green=Tags(s)

MAALRALCGFRGVAAQVLRPGAGVRLPIQPSRGVRQWQPDVEWAQQFGGAVMYPKETAHWKPPPWNDVD
 PPKDTIVKNITLNFQHPAAHGVRLVMEISGEMVRKCDPHIGLLHRGTEKLEIYKTYLQALPYFDRDL
 YVSMCNEQAYSLAVEKLLNIRPPRAQWIRVLFGEITRLLNHIMAVTTHALDLGAMTPFFWLFEEREKM
 FEFYERVSARMHAAYIRPGGVHQLPLGLMDDIYQFSKNFSLRLDELEELLTNNRIWRNRTIDIGVVT
 EEALNYGFSVMLRGSGIQWDLRKTQPYDVYDQVEFDVPVGSRGDCYDRYLCRVEEMRQSLRIIAQCLNK
 MPPGEIKVDDAKVSPPKRAEMKTSMESLIHFKLYTEGYQVPPGATYTAIEAPKGEFGVYLVSDGSSRPY
 RCKIKAPGFAHLAGLDKMSKGHMLADVVAIIGTQDIVGGEVDR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_004550

ORF Size:

1389 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_004550.3</u>
RefSeq Size:	2059 bp
RefSeq ORF:	1392 bp
Locus ID:	4720
UniProt ID:	<u>O75306</u>
Cytogenetics:	1q23.3
MW:	52.5 kDa