

Product datasheet for **RC201539A1V**

Human NDUFA5 (NM_005000) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human NDUFA5 (NM_005000) AAV Particle
Tag: Myc-DDK
Symbol: NDUFA5
Synonyms: B13; CI-13kB; CI-13KD-B; NUFM; UQOR13
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC201539 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGGTGTGCTGAAGAAGACCACTGGCCTTGTGGGATTGGCTGTGTGCAATACTCCTCACGAGAGGC
TAAGAATATTGTACACAAAGATTCTTGATGTTCTTGAGGAAATCCCTAAAAATGCAGCATATAGAAAAGTA
TACAGAACAGATTACAAATGAGAAGCTGGCTATGGTTAAAGCGGAACCAAGATGTTAAAAAATTAGAAGAC
CAACTTCAAGGCGGTCAATTAGAAGAGGTGATTCTTCAGGCTGAACATGAACTAAATCTGGCAAGAAAAA
TGAGGGAATGGAACTATGGGAGCCATTAGTGAAGAGCCTCCTGCCGATCAGTGGAATGGCCAATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC201539 protein sequence
Red=Cloning site Green=Tags(s)

MAGVLKKTGLVGLAVCNTPHERLRILYTKILDVLEEIPKNAAYRKYTEQITNEKLAMVKAEPDVKKLED
QLQGGQLEEVILQAEHELNLARKMREWKLWEPLVEEPPADQWKWPI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_005000
ORF Size: 348 bp



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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_005000.2</u>
RefSeq Size:	5602 bp
RefSeq ORF:	351 bp
Locus ID:	4698
UniProt ID:	<u>Q16718</u>
Cytogenetics:	7q31.32
MW:	13.5 kDa