

## Product datasheet for **RC210482A1V**

### Human **NDUFA4 (NM\_002489) AAV Particle**

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human NDUFA4 (NM\_002489) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** NDUFA4  
**Synonyms:** CI-9k; CI-MLRQ; COXFA4; MC4DN21; MISTR1; MLRQ; MRCAF1  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC210482 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTCCGCCAGATCATCGGTACGGCCAAGAAGCATCCGAGCTTGATCCCCCTTTTGTATTTATTGGAA  
CTGGAGCTACTGGAGCAACACTGTATCTCTTGGCTCTGGCATTGTTCAATCCAGATGTTTGTGGGACAG  
AAATAACCCAGAGCCCTGGAACAACTGGTCCCAATGATCAATACAAGTTCTACTCAGTGAATGTGGAT  
TACAGCAAGCTGAAGAAGGAACGTCCAGATTTC

**ACGCGT**ACGCGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC210482 protein sequence  
 Red=Cloning site Green=Tags(s)

MLRQIIGQAKKHPSLIPLFVFIGTGATGATLYLLRLALFNPDVCWDRNNPEPWNKLGPNQYKFYSVNVD  
YSKLLKERPDF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2  
**ACCN:** NM\_002489  
**ORF Size:** 243 bp  
**Buffer:** PBS with 0.001% Pluronic F68



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<b>Stability:</b>	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.
<b>RefSeq:</b>	<u>NM_002489.2</u>
<b>RefSeq Size:</b>	2058 bp
<b>RefSeq ORF:</b>	246 bp
<b>Locus ID:</b>	4697
<b>UniProt ID:</b>	<u>O00483</u>
<b>Cytogenetics:</b>	7p21.3
<b>MW:</b>	9.4 kDa