

Product datasheet for **RC200620A1V**

Human NQO1 (NM_000903) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human NQO1 (NM_000903) AAV Particle
Tag: Myc-DDK
Symbol: NQO1
Synonyms: DHQU; DIA4; DTD; NMOR1; NMORI; QR1
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC200620 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTCGGCAGAAGAGCACTGATCGTACTGGCTCACTCAGAGAGGACGTCCTTCAACTATGCCATGAAGG
AGGCTGCTGCAGCGGCTTTGAAGAAGAAAGGATGGGAGGTGGTGGAGTCGGACCTCTATGCCATGAACCT
CAATCCCATCATTTCCAGAAAGGACATCACAGGTAAACTGAAGGACCCGCGAACTTTCAGTATCCTGCC
GAGTCTGTTCTGGCTTATAAAGAAGGCCATCTGAGCCAGATATTGTGGCTGAACAAAAGAAGCTGGAAG
CCGCAGACCTTGTGATATCCAGTCCCCTGCAGTGGTTGGAGTCCCTGCCATTCTGAAAGGCTGGTT
TGAGCGAGTGTTCATAGGAGAGTTTGCTTACACTTACGCTGCCATGTATGACAAAGGACCCCTCCGGAGT
AAGAAGGCAGTGCTTCCATCACCCTGGTGGCAGTGGCTCCATGTACTCTCTGCAAGGGATCCACGGGG
ACATGAATGTCATTCTCTGGCCAATTCAGAGTGGCATTCTGCATTTCTGTGGCTTCCAAGCTTAGAACC
TCAACTGACATATAGCATTGGGCACACTCCAGCAGACGCCGAATTCAAATCCTGGAAGGATGGAAGAAA
CGCCTGGAGAATATTTGGGATGAGACCACTGTATTTTGCTCCAAGCAGCCTTTTGACCTAAACTTCC
AGGCAGGATTCTAATGAAAAAGAGGTACAGGATGAGGAGAAAAACAAGAAATTTGGCCTTTCTGTGGG
CCATCACTTGGCAAGTCCATCCAACCTGACAACCAGATCAAAGCTAGAAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200620 protein sequence Red=Cloning site Green=Tags(s) MVGRRALIVLAHSERTSFNYAMKEAAAAALKKKGWEVVESDLYAMNPNPISRKDITGKLDPANFQYPA ESVLAYKEGHLSPDIVAEQKKLEAADLVIFQFPLQWFGVPAILKGWFERVFIGEFAYTYAAMYDKGPFRS KKAVLSITGGSGSMYSLQGIHGMNVILWPIQSGILHFCGFQVLEPQLTYSIGHTPADARIQILEGWKK RLENIWDETPLYFAPSSFLDLNFQAGFLMKKEVQDEEKNKKFGLSVGHHLGKSIPTDNQIKARK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000903
ORF Size:	822 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_000903.2</u>
RefSeq Size:	2601 bp
RefSeq ORF:	825 bp
Locus ID:	1728
UniProt ID:	<u>P15559</u>
Cytogenetics:	16q22.1
MW:	30.9 kDa