

## Product datasheet for RC229211A1V

### Human COQ2 (NM\_015697) AAV Particle

#### Product data:

Product Type: AAV Particles  
Product Name: Human COQ2 (NM\_015697) AAV Particle  
Tag: Myc-DDK  
Symbol: COQ2  
Synonyms: CL640; COQ10D1; MSA1; PHB:PPT  
Mammalian Cell Selection: None  
Vector: pAAV-AC-Myc-DDK (PS100089)  
ORF Nucleotide Sequence: >RC229211 representing NM\_015697  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGACCCCAATTCACAAGTAAGGATGAGGAAAGGTTCTGCCACACCGCCGCCAGCCTGGCAGACTAG  
GATTGCATCCTGCGGGTGCCACTGCGCATGCCTGCCGGGAATGACGTCAATCCGAGCTCGTCCCGCCT  
CACCAGCGCCATGCTGGGCTCGCGAGCCGCGGGGTTTCGCGCGGGGCTGCGGGCTGTGGCACTGGCGTGG  
CTGCCGGGCTGGCGGGCCGCTCCTTCGCCCTGGCGCGTGCAGGCGCGCCACCGGCTGGTACTTGC  
AGCCCCCGCCTGTCCCAGCCGCGCGGGGCCAGCTCAGTTTGTCCGCGCGGGCGGTGGTGGACTCTGC  
GCCCGCCCCCTGCAGCCGTAATTCGCGCTCATGCGGTTGGACAAGCCATTGGAACCTGGCTTCTGTAT  
TTACCATGTACCTGGAGCATTGTTTGGCAGCTGAACCAGGTTGTTTTCCAGATTGGTACATGCTCTCCC  
TCTTTGGCACTGGAGCTATTCTGATGCGTGGAGCAGGCTGACTATTAATGACATGTGGGACCAGGACTA  
TGATAAAAAGGTTACAAGAACAGCCAATCGTCCAATAGCCGCTGGAGACATTTCAACTTTTCAGTCTTTT  
GTTTTTCTTGGGGACAGCTAACCTGGCACTGGGTGTTCTTCTGTGTCTAAATTAACAGTATAGCTC  
TGGGAGCAGGATCCTTACTTCTGTGCATCACCTACCCACTAATGAAAAGAAATTCATACTGGCCTCAACT  
AGCCTTGGGCTTGACATTTAATTGGGGAGCGTACTTGGATGGTCTGCTATCAAGGGTCTGTGATCCA  
TCTGTTTGCCTGCCTCTTTATTTTTCTGGAGTTATGTGGACACTAATATATGATACTATTTATGCCATC  
AGGACAAAAGAGATGATGTTTTGATTGGTCTTAAGTCAACGGCTCTGCGGTTCCGAGAAAATACCAAGCC  
GTGGCTCAGCGGCTTCAGTGTTGCAATGCTGGGGCACTGAGCCTAGTGGGTGTGAACAGTGGACAGACT  
GCTCCCTACTACGCTGCCTGGGTGCTGTAGGAGCCCATCTGACTCACCAGATTTACTCTAGACATCC  
ACAGACCTGAGGATTGTTGGAATAAATTTATCTCCAACCGAACTGGGACTAATAGTTTTTTTAGGGAT  
TGTCTTGGGAATTTGTGAAAGAAAAGAAGACAGACAAAACAAAGAGGATATAGAGAATAAAATAGAA  
AAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC229211 representing NM\_015697  
 Red=Cloning site Green=Tags(s)

MTPISQVRMRKGSAAHTAAQPGRGLGHPAGATAHACRGMISIRARPGLTSAMLGSRAAGFARGLRAVALAW  
 LPGWRGRSFALARAAGAPHGGDLQPPACPEPRGRQLSLAAA VVDSAPRPLQPYLRMLRDKPIGTWLLY  
 LPCTWSIGLAAEPGCFPDWYMLSLFGTGAILMRGAGCTINDMWDQDYDKKVTTRTANRPIAAGDISTFQSF  
 VFLGGQLTLALGVLLCLNYYSIALGAGSLLLIVITYPLMKRISYWPQLALGLTFNWGALLGWSAIGKSCDP  
 SVCLPLYFSGVMWTLIYDTIYAHQDKRDDVLIGLKSTALRFGENTKPWLSGFSVAMLGALSLVGVNSGQT  
 APYYAALGAVGAHLTHQIYTLDIHRPEDCWNKFISNRTLGLIVFLGIVLGNLWKEKTKDKTKKGIENKIE  
 N

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:** Human

**Serotype:** AAV-2

**ACCN:** NM\_015697

**ORF Size:** 1263 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\\_015697.7](#)

**RefSeq ORF:** 1266 bp

**Locus ID:** 27235

**Cytogenetics:** 4q21.22-q21.23

**MW:** 45.4 kDa