

## Product datasheet for **RC203843A1V**

### Human **CALCOCO2 (NM\_005831) AAV Particle**

#### Product data:

Product Type:	AAV Particles
Product Name:	Human CALCOCO2 (NM_005831) AAV Particle
Tag:	Myc-DDK
Symbol:	CALCOCO2
Synonyms:	NDP52
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC203843 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGGAGGAGACCATCAAAGATCCCCCACATCAGCTGTCTTGCTGGATCACTGTCATTTCTCTCAGGTCA  
 TCTTTAACAGTGTGGAGAAGTTCTACATCCCTGGAGGGGACGTACATGTCATTATACCTTCACCCAGCA  
 TTTTCATCCCTCGTCGAAAAGGATTGGATTGGCATCTTTAGAGTGGGGTGAAGACAACCCGTGAGTATTAC  
 ACCTTCATGTGGGTTACTTTGCCATTGACCTAAACAACAATCAGCTAAACAGCAGGAAGTCCAATTCA  
 AAGCTTACTACCTGCCAAGGATGATGAGTATTACCAGTTCTGCTATGTGGATGAGGATGGTGTGGTCCG  
 GGGAGCAAGTATTCCTTTCCAATTCGTCAGAAAATGAGGAAGACATCTGGTTGTTACCCTCAGGGA  
 GAGGTGAAGAGATTGAGCAGCACAACAAGGAGCTTTGCAAGAAAACCAGGAGCTGAAGGACAGCTGTA  
 TCAGCCTCCAGAAGCAGAATCAGACATGCAGGCTGAGCTCCAAAAGAAGCAGGAGGAGCTAGAAACCT  
 ACAGAGCATCAATAAGAAGTTGGAAGTAAAAGTAAAAGAACAGAAAGACTATTGGGAGACAGAGCTGCT  
 CAACTGAAAGAACAAAACCAGAAGATGTCTCAGAAAAATGAGAAGATGGGAATCAGAGTGGATCAGCTTC  
 AGGCCAGCTGTCAACTCAAGAGAAAAGAAATGGAGAAGCTTGTTAGGGGAGATCAAGATAAGACAGAGCA  
 GTTAGAGCAGCTGAAAAAGAAAATGACCACCTCTTTCTCAGTTAACTGAACAGAGGAAGGACCAGAAG  
 AAGCTCGAGCAGACAGTGGAGCAATGAAGCAGAAATGAACTACTGCAATGAAGAAAACAACAGGAATTA  
 TGGATGAAAACCTTGACTGTCAAAAAGACTGAGTGAGAACGAAATATATGTAATGCTCTGCAGAGACA  
 GAAAGAGAGATTGGAAGGAGAAAATGATCTTTGAAGAGGGAGAACAGCAGATTGCTCAGTTACATGGGT  
 CTGGATTTTAAATCTTTGCCGTATCAAGTACCTACTTCAGATGAAGGAGGCGCAAGACAAAATCCAGGAC  
 TTGCCTATGGAACCCATATTCTGGTATCCAAGAAAGTCTTCCCCAGCCCGCTCTCCATCAAGAAATG  
 CCCTATCTGCAAAGCAGATGATATTTGTGATCACACCTTGGAGCAACAGCAGATGCAGCCCTTTGTTTC  
 AATTGTCCAATTTGTGACAAGATCTCCAGCTACAGAGAAGCAGATCTTTGAAGACCACGTGTTCTGCC  
 ACTCTCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC203843 protein sequence  
 Red=Cloning site Green=Tags(s)

MEETIKDPPTSAVLLDHCHFSQVIFNSVEKIFYIPGGDVTCHYFTQHFIPRRKDWIGIFRVGWKTTREYY  
 TFMWVTLPIDLNNKSAKQEVQFKAYYLPKDDEYYQFCYVDEDDGVVRGASIPFQFRPENEEDILVTTQG  
 EVEEIEQHNLCKENQELKDSCISLQKQNSDMQAEQKQEELETLSINKKLELKVKEQKDYWETELL  
 QLKEQNQKMSSENEKMGIRVDQLQAQLSTQEKEMEKL VQGDQDKTEQLEQLKKENDHFLSLTEQRKDQK  
 KLEQTVEQMKQNETTAMKKQQLMDENFDL SKRLENEIICNALQRQKERLEGENDLLKRENSRLLSYMG  
 LDFNSLPYQVPTSDEGGARQNPGLAYGNPYSGIQESSSPSLSIKKCPICKADDICDHTLEQQMQPLCF  
 NCPICDKIFPATEKQIFEDHVFCHSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_005831

**ORF Size:**

1338 bp

**Buffer:**

PBS with 0.001% Pluronic F68

<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><a href="#">NM_005831.3</a></u>
<b>RefSeq Size:</b>	3682 bp
<b>RefSeq ORF:</b>	1341 bp
<b>Locus ID:</b>	10241
<b>UniProt ID:</b>	<u><a href="#">Q13137</a></u>
<b>Cytogenetics:</b>	17q21.32
<b>MW:</b>	52.3 kDa