

Product datasheet for **RC201132A1V**

Human UQCRC2 (NM_003366) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human UQCRC2 (NM_003366) AAV Particle
Tag:	Myc-DDK
Symbol:	UQCRC2
Synonyms:	MC3DN5; QCR2; UQCR2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC201132 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGAAGCTACTAACCAGAGCCGGCTCTTTCTCGAGATTTTATCCCTCAAAGTTGCCCCCAAAGTTAAAG
 CCACAGCTGCGCCTGCAGGAGCACCGCCACAACCTCAGGACCTTGAGTTTACCAAGTTACCAATGGCTT
 GGTGATTGCTTCTTTGGAAAATATTCTCCTGTATCAAGAATTGGTTTGTTCATTAAAGCAGGCAGTAGA
 TATGAGGACTTCAGCAATTTAGGAACCCCATTTGCTGCGTCTTACATCCAGTCTGACGACAAAAGGAG
 CTTTCATCTTTCAAGATAACCCGTGGAATTGAAGCAGTTGGTGGCAAATTAAGTGTACCGCAACAAGGGA
 AAACATGGCTTATACTGTGAATGCCTGCGGGTGATGTTGATATTCTAATGGAGTTCTGCTCAATGTC
 ACCACAGCACCAGAATTCGTCGTTGGGAAGTAGCTGACCTTCAGCCTCAGCTAAAGATTGACAAAGCTG
 TGGCCTTTCAAGATCCGAGACTCATGTCATTGAAAATTTGCATGCAGCAGCTTACCGGAATGCCTTGGC
 TAATCCCTTGATTGCTGACTATAGGATTGAAAAGTGACATCAGAGGAGTTACATTACTTCGTTTCAG
 AACCATTTCAAGTGCAAGAATGGCTTTGATTGGACTTGGTGTGAGTCATCCTGTTCTAAAGCAAGTTG
 CTGAACAGTTTCTCAACATGAGGGGTGGGCTTGGTTTATCTGGTGCAAAGGCCAACTACCGTGGAGGTGA
 AATCCGAGAACAGAATGGAGACAGTCTTGTCATGCTGCTTTTGTAGCAGAAAGTGCTGTGCGGGGAAGT
 GCAGAGGCAATGCATTTAGTGTTCTTCAGCATGTCTCGGTGCTGGGCCACATGTCAAGAGGGGCAGCA
 ACACCACCAGCATCTGCACCAGGCTGTTGCCAAGGCAACTCAGCAGCCATTTGATGTTTCTGCATTAA
 TGCCAGTTACTCAGATTCTGGACTCTTTGGGATTTATACTATCTCCAGGCCACAGCTGCTGGAGATGTT
 ATCAAGGCTGCCTATAATCAAGTAAAAACAATAGCTCAAGGAAACCTTTCCAACACAGATGTCCAAGCTG
 CCAAGAACAGCTGAAAGCTGGATACCTAATGTCAGTGGAGTCTTCTGAGTGTTTCTGGAAGAAGTCGG
 GTCCCAGGCTCTAGTTGCTGGTTCTTACATGCCACCATCCACAGTCCTTCAGCAGATTGATTTCAGTGGCT
 AATGCTGATATCATAAATGCGGCAAAGAAGTTTGTCTGGCCAGAAGTCAATGGCAGCAAGTGGAAATT
 TGGGACATACACCTTTTGTGATGAGTTG

ACGCGTACGCGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201132 protein sequence
 Red=Cloning site Green=Tags(s)

MKLLTRAGSFSRFYSLKVAPVKVATAAPAGAPPQPQDLEFTKLPNGLVIASLENYSPVSRIGLFIKAGSR
 YEDFSNLGTTHLLRLTSSLTTKGASSFKITRGIEAVGGKLSVTATRENMAYTVECLRGDVDILMEFLLNV
 TTAPEFRRWEVADLQPLKIDKAVAFQNPQTHVIENLHAAAYRNALANPLYCPDYRIGKVTSEELHYFVQ
 NHFTSARMALIGLVSHPVVKQVAEQFLNMRGGLGLSGAKANYRGGEIREQNGDSLVAHAFVAESAVAGS
 AEANAFSVLQHVLAGPHVVKRSNTTSHLHQAQVAKATQQPFVDVSAFNASYSDSGLFGIYTIISQATAAGDV
 IKAAYNQVKTIAQGNLSNTDVQAAKNKLKAGYLMVESSECFLEEVGSQALVAGSYMPPSTVLQQIDSV
 NADIINAARKFVSGQKSMAASGNLGHPTPFVDEL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_003366

ORF Size:

1359 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_003366.2</u>
RefSeq Size:	1674 bp
RefSeq ORF:	1362 bp
Locus ID:	7385
UniProt ID:	<u>P22695</u>
Cytogenetics:	16p12.2
MW:	48.4 kDa