

Product datasheet for **RC204020A1V**

Human Ubiquilin (UBQLN1) (NM_053067) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Ubiquilin (UBQLN1) (NM_053067) AAV Particle
Tag:	Myc-DDK
Symbol:	Ubiquilin
Synonyms:	DA41; DSK2; PLIC-1; UBQN; XDRP1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204020 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCGAGAGTGGTGAAGCGCGGCTCCTCCGGGCTCCAGGATAGCGCCGCCGAGCCGAAGGTGCTG
 GCGCCCCCGCGCGCGCTGCCTCCGCGGAGCCAAAATCATGAAAGTCACCGTGAAGACCCGAAGGAAAA
 GGAGGAATTCGCGGTGCCGAGAAATAGTCCGTCACGAGTTTAAAGGAAGAAATCTCTAAACGTTTTAA
 TCACATACTGACCAACTTGTGTTGATATTTGCTGGAAAAATTTGAAAGATCAAGATACCTTGAGTCAGC
 ATGGAATTCATGATGGACTTACTGTTACCTTGTCTATTAACACAAAACAGGCCTCAGGATCATTACAGC
 TCAGCAAAACAAATACAGCTGGAAGCAATGTTACTACATCACTCCTAATAGTAACCTACATCTGGT
 TCTGCTACTAGCAACCTTTTGGTTTAGGTGGCCTTGGGGGACTTGCAGGTCTGAGTAGCTTGGGTTTGA
 ATACTACCAACTTCTCTGAAGTACAGAGTCAGATGCAGCGACAACCTTTGTCTAACCTGAAATGATGGT
 CCAGATCATGGAAGTCCCTTTGTTTTCAGAGCATGCTCTCAAATCCTGACCTGATGAGACAGTTAATTATG
 GCCAATCCACAAATGCAGCAGTTGATACAGAGAAATCCAGAAATAGTCATATGTTGAATTAATCCAGATA
 TAATGAGACAAACGTTGGAACCTGCCAGGAATCCAGCAATGATGCAGGAGATGATGAGGAACAGGACCG
 AGCTTTGAGCAACCTAGAAAGCATCCCAGGGGGATATAATGCTTTAAGGCGCATGTACACAGATATTCAG
 GAACCAATGCTGAGTGTGCACAAGAGCAGTTTGGTGGTAATCCATTTGCTTCTTGGTGAAGCAATACAT
 CCTCTGGTGAAGGTAGTCAACCTTCCCGTACAGAAAATAGAGATCCACTACCAATCCATGGGCTCCACA
 GACTTCCAGAGTTTATCAGCTTCCAGCGGCACTGCCAGCACTGTGGGTGGCACTACTGGTAGTACTGCC
 AGTGGCACTTCTGGGCAGAGTACTACTGCGCCAAATTTGGTGCCTGGAGTAGGAGCTAGTATGTTCAACA
 CACCAGGAATGCAGAGCTTGTGCAACAAATAACTGAAACCCACAACATGATGCAAAACATGTTGTCTGC
 CCCCTACATGAGAAGCATGATGCAGTCACTAAGCCAGAAATCCTGACCTTGTCTGCACAGATGCAGAAATCCT
 GATACACTATCAGCAATGTCAAACCTAGAGCAATGCAGGCTTGTACAGATTACAGAGGGTTTACAGA
 CATTAGCAACGGAAGCCCGGGCTCATCCAGGGTTTACTCCTGGCTTGGGGGCATTAGGAAGCACTGG
 AGGCTCTTGGGAACCTAATGGATCTAACGCCACACCTAGTGAAACACAAAGTCCACAGCAGGAACCACT
 GAACCTGGACATCAGCAGTTTATTCAGCAGATGCTGCAGGCTCTTGTGGAGTAAATCCTCAGCTACAGA
 ATCCAGAAGTCAGATTTAGCAACAACCTGGAACAACCTCAGTCAATGGGATTTTGAACCGTGAAGCAAA
 CTTGCAAGCTCTAATAGCAACAGGAGGTGATATCAATGCAGCTATTGAAAGGTTACTGGGCTCCAGCCA
 TCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204020 protein sequence
 Red=Cloning site Green=Tags(s)

MAESGESGGPPGSQDSAAGAEGAGAPAAAAAEKPKIMKVTVKTPKEKEEFVAVPENSSVQQFKEEISKRFK
 SHTDQLVLIFAGKILKDQDTLSQHGIDGLTVHLVIKTQNRPDHSAQQTNTAGSNVTTSTPNSNSTSG
 SATSNPFGLGGLGGLAGLSSLGLNTTNFSELQSQMQRQLLSNPMMVQIMENPFVQSMLSNPDLMRQLIM
 ANPQMQLIQRNPEISHMLNPDIMRQTELRNPAMMQEMMRNQDRALSNLEIPGGYNALRRMYTDIQ
 EPMLSAAQEQFGNPFASLVNTSSGEGSQPSRTENRDLNPNWAPQTSQSSASSTASTVGGTTGSTA
 SGTSGQSTTAPNLVPGVGASMFNTPGMQSLQITENPQLMQNMLSAPYMRSMQSLSQNPDLAAQMQLNP
 DTLSAMSNPRAMQALLQIQQLQLATEAPGLIPGFTPLGALGSTGGSSGTNGSNATPSENTSPTAGTT
 EPGHQQFIQQLQALAGVNPQLQNPVRFQQLEQLSAMGFLNREANLQALATGGDINAAIERLLGSQP
 S

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_053067
ORF Size:	1683 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_053067.1</u>
RefSeq Size:	4093 bp
RefSeq ORF:	1686 bp
Locus ID:	29979
UniProt ID:	<u>Q9UMX0</u>
Cytogenetics:	9q21.2-q21.3
MW:	59.2 kDa