

Product datasheet for **RC206897A1V**

Human Ubiquilin (UBQLN1) (NM_013438) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Ubiquilin (UBQLN1) (NM_013438) AAV Particle
Tag:	Myc-DDK
Symbol:	UBQLN1
Synonyms:	DA41; DSK2; PLIC-1; UBQN; XDRP1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC206897 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCGAGAGTGGTGAAGCGCGGCTCTCCGGGCTCCAGGATAGCGCCGCCGAGCCGAAGGTGCTG
 GCACCCCGCGCGCGCTGCCTCCGCGGAGCCCAAAATCATGAAAGTCACCGTGAAGACCCGAAGGAAAA
 GGAGGAATTCGCCGTGCCGAGAATAGTCCGTCCAGCAGTTTAAAGGAAGAAATCTCTAAACGTTTTAAA
 TCACATACTGACCAACTTGTGTTGATATTTGCTGGAAAAATTTGAAAGATCAAGATACCTTGAGTCAGC
 ATGGAATTCATGATGGACTTACTGTTACCTTGTCTATTAACACAAAAACAGGCCTCAGGATCATTACAGC
 TCAGCAAAACAAATACAGCTGGAAGCAATGTTACTACATCATCACTCCTAATAGTAACCTACATCTGGT
 TCTGCTACTAGCAACCTTTTGGTTTAGGTGGCCTTGGGGGACTTGCAGGTCTGAGTAGCTTGGGTTTGA
 ATACTACCAACTTCTCTGAAGTACAGAGTCAGATGCAGCGACAACCTTTGTCTAACCTGAAATGATGGT
 CCAGATCATGGAAGTCCCTTTGTTGAGCATGCTCTCAAATCATGACCTGATGAGACAGTTAATTATG
 GCCAATCCACAAATGCAGCAGTTGATACAGAGAAATCCAGAAATAGTCATATGTTGAATAATCCAGATA
 TAATGAGACAAACGTTGGAACCTGCCAGGAATCCAGCAATGATGCAGGAGATGATGAGGAACAGGACCG
 AGCTTTGAGCAACCTAGAAAGCATCCCAGGGGGATATAATGCTTTAAGGCGCATGTACACAGATATTCAG
 GAACCAATGCTGAGTGTGCACAAGAGCAGTTTGGTGGTAATCCATTTGCTTCTTGGTGAAGCAATACAT
 CCTCTGGTGAAGGTAGTCAACCTTCCCGTACAGAAAAAGAGATCCACTACCAATCCATGGGCTCCACA
 GACTTCCAGAGTTTATCAGCTTCCAGCGGCACTGCCAGCACTGTGGGTGGCACTACTGGTAGTACTGCC
 AGTGGCACTTCTGGGCAGAGTACTACTGCGCCAAATTTGGTGCCTGGAGTAGGAGCTAGTATGTTCAACA
 CACCAGGAATGCAGAGCTTGTGCAACAAATAACTGAAACCCCAACTGATGCAAAACATGTTGCTGTC
 CCCCTACATGAGAAGCATGATGCAGTCACTGAGCCAGAATCCTGACCTTGTGTCACAGATGATGCTGAAT
 AATCCCTATTTGCTGGAATCCTCAGCTTCAAGAACAATGAGACAACAGCTCCCAACTTTCTCCAAC
 AAATGCAGAATCCTGATACACTATCAGCAATGTCAAACCTAGAGCAATGCAGGCCTTGTACAGATTCA
 GCAGGGTTTACAGACATTAGCAACGGAAGCCCGGGCCTCATCCAGGGTTTACTCCTGGCTTGGGGCA
 TTAGGAAGCACTGGAGGCTCTTCGGGAATTAATGGATCTAACGCCACACCTAGTGAACACAAAGTCCCA
 CAGCAGGAACCACTGAACCTGGACATCAGCAGTTTATTCAGCAGATGCTGCAGGCTCTTGTGGAGTAA
 TCCTCAGCTACAGAATCCAGAAGTCAGATTTAGCAACAACCTGGAACAACCTCAGTGAATGGGATTTTG
 AACCGTGAAGCAAACCTGCAAGCTCTAATAGCAACAGGAGGTGATATCAATGCAGCTATTGAAAGTTAC
 TGGGCTCCAGCCATCA

ACGCGTACGCGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206897 protein sequence
 Red=Cloning site Green=Tags(s)

MAESGESGGPPGSQDSAAGAEGAGTPAAAASAEPKIMKVTVKTPKEKEEFVAVPENSSVQQFKEEISKRFK
 SHTDQLVLIFAGKILKDQDTLSQHGIDGLTVHLVIKTQNRPDHSAQQTNTAGSNVTTSSTPNSNSTSG
 SATSNPFGLGGLAGLSSLGLNTTNFSELQSQMRQLLSNPEMMVQIMENPFVQSMLSNHDLMRQLIM
 ANPQMQLIQRNPEISHMLNPDIMRQTLEARNPAMMQEMMRNQDRALSNLESIPGGYNALRRMYTDIQ
 EPMLSAAQEQFGGNPFASLVNTSSGEGSQPSRTENRDPLPNPWAPQTSQSSSASSGTASTVGGTTGSTA
 SGTSGQSTTAPNLVPGVGASMFNTPGMSLLQQITENPQLMQNMLSAPYMRSMQSLSQNPDLAAQMMLN
 NPLFAGNPQLQEQRQLPTFLQMQNPDTLSAMSNPRAMQALLQIQGLQTLATEAPGLIPGFTPLGLA
 LGSTGGSSGTNGSNATPSENTSPTAGTTEPHQQFIQQMLQALAGVNPQLQNPVRFQQQLEQLSAMGFL
 NREANLQALIAATGGDINAAIERLLGSQPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_013438
ORF Size:	1767 bp
Buffer:	PBS with 0.001% Pluronic F5951
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_013438.3</u>
RefSeq Size:	4177 bp
RefSeq ORF:	1770 bp
Locus ID:	29979
UniProt ID:	<u>Q9UMX0</u>
Cytogenetics:	9q21.2-q21.3
MW:	62.6 kDa