

Product datasheet for **RC204675A1V**

Human UBE1C (UBA3) (NM_003968) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human UBE1C (UBA3) (NM_003968) AAV Particle
Tag:	Myc-DDK
Symbol:	UBE1C
Synonyms:	hUBA3; NAE2; UBE1C
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC204675 representing NM_003968
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCGGATGGCGAGGAGCCGGAGAGGAAAAGAAGGAGAATAGAGGAGCTGCTGGCTGAGAAAATGGCTG
 TTGATGGTGGGTGTGGGGACACTGGAGACTGGGAAGGTCGCTGGAACCATGTAAAGAAGTTCCTCGAGCG
 ATCTGGACCTTCACACACCCTGATTTGAACCGAGCACTGAATCTCTCCAGTTCCTGTTAGATACATGT
 AAAGTTCTAGTCATTGGAGCTGGCGGCTTAGGATGTGAGCTCCTGAAAAATCTGGCCTTGTCTGTTTTA
 GACAGATTCATGTTATAGATATGGACACTATAGATGTTTCCAATCTAAATAGGCAGTTTTTATTTAGGCC
 TAAAGATATTGGAAGACCTAAGGCTGAAGTTGCTGCAGAAATTTCTAAATGACAGAGTTCCTAATTGCAAT
 GTAGTTCCACATTTCAACAAGATTCAAGATTTTAAACGACACTTTCTATCGACAATTTTATATTATGTAT
 GTGGACTGGACTCTATCATCGCCAGAAGATGGATAAATGGCATGCTGATATCTCTCTAAATTATGAAGA
 TGGTGTCTTAGATCCAAGCTCCATTGTCCCTTTGATAGATGGGGGACAGAAGGTTTTAAAGGAAATGCC
 CGGGTGATTCTGCCTGGAATGACTGCTTGTATCGAATGCACGCTGGAACCTTTATCCACCACAGGTTAATT
 TTCCCATGTGCACCATTCATCTATGCCAGGCTACCAGAACACTGTATTGAGTATGTAAGGATGTTGCA
 GTGGCCTAAGGAGCAGCCTTTTGGAGAAGGGTTCATTAGATGGAGATGATCCTGAACATATACAATGG
 ATTTTCCAAAAATCCCTAGAGAGAGCATCACAATATAATATTAGGGGTGTTACGTATAGGCTCACTCAAG
 GGGTAGTAAAAAGAATCATTCTGCAGTAGCTTCCACAAATGCAGTCATTGCAGCTGTGTGTGCCACTGA
 GGTTTTTAAATAGCCACAAGTGCATACATTCCCTTGAATAATTACTTGGTGTTAATGATGTAGATGGG
 CTGTATACATACATTTGAAGCAGAAAGAAAGGAAAACTGCCAGCTTGTAGCCAGCTTCTCTCAAATA
 TTCAGTTTTCTCCATCAGCTAACTACAGGAGTTTTGGATTATCTAACCAATAGTGCTTCTCTGCAAT
 GAAATCTCCAGCCATCACAGCCACCCTAGAGGGAAAAAATAGAACAATTTACTTACAGTCGGTAACCTCT
 ATTGAAGAACGAACAAGGCCAAATCTCTCCAAAACATTGAAAGATTGGGGCTTGTGATGGACAAGAAC
 TGGCGGTTGCTGATGTACCACCCACAGACTGTACTATTCAAATTCATTTTACTTCT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204675 representing NM_003968
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MADGEEPERKRRRIEELLA EKMAVDGGCGDTGDWEGRWNVKKFLERSGPFTHPDFEPSTESLQFLDTC
 KVLVIGAGGLGCELLKNLALSGFRQIHVIDMTIDVSNLNRQFLFRPKDIGRPKAEVAAEF LNDRVPNCN
 VVPHFNKIQDFNDTFYRQFHII VCGLDSIIARRWINGMLISLLNYEDGVLDPSSIVPLIDGGTEGFKGNA
 RVILPGMTACIECTLELYPPQVNFPMCTIASMPRLPEHCIEYVRMLQWPKEQPFGEVPLDGDDEPHIQW
 IFQKSLERASQYNIRGVTYRLTQGVVKRIIPAVASTNAVIAAVCATEVFKIATSAYIPLNNYLVFNDVDG
 LYTYTFEARKENCPACSQLPQNIQFSPSAKLQEVLDYLTNSASLQMKSPAITATLEGKNRTLYLQSVTS
 IEERTRPNLSKTLKELGLVDGQELAVADVTPQTVLFLKHFTS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_003968

ORF Size:

1389 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_003968.3</u>
RefSeq Size:	2136 bp
RefSeq ORF:	1392 bp
Locus ID:	9039
UniProt ID:	<u>Q8TBC4</u>
Cytogenetics:	3p14.1
MW:	51.7 kDa