

Product datasheet for **RC204048A1V**

Human Ku70 (XRCC6) (NM_001469) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Ku70 (XRCC6) (NM_001469) AAV Particle
Tag:	Myc-DDK
Symbol:	XRCC6
Synonyms:	CTC75; CTCBF; G22P1; KU70; ML8; TLAA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC204048 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTCAGGGTGGGAGTCATATTACAAAACCGAGGGCGATGAAGAAGCAGAGGAAGAACAAGAAGAGAACC
 TTGAAGCAAGTGGAGACTATAAATATTCAGGAAGAGATAGTTTGATTTTTTTGGTTGATGCCTCCAAGGC
 TATGTTTGAATCTCAGAGTGAAGATGAGTTGACACCTTTTGACATGAGCATCCAGTGTATCCAAAGTGTG
 TACATCAGTAAGATCATAAGCAGTGTGAGATCTCTGGCTGTGGTGTCTATGGTACCGAGAAAGACA
 AAAATTCAGTGAATTTAAAAATATTTACGTCTTACAGGAGCTGGATAATCCAGGTGCAAAACGAATTCT
 AGAGCTTGACCAGTTTAAAGGGCAGCAGGGACAAAACGTTTCCAAGACATGATGGGCCACGGATCTGAC
 TACTACTCAGTGAAGTGTGTGGTCTGTGCCAACCTCTTAGTGATGTCCAATTCAAGATGAGTCATA
 AGAGGATCATGTGTTACCAATGAAGACAACCCCATGGCAATGACAGTGCCAAAGCCAGCCGGGCCAG
 GACCAAAGCCGGTGATCTCCGAGATACAGGCATCTTCCTTGACTTGATGCACCTGAAGAAACCTGGGGC
 TTTGACATATCCTTGTTCTACAGAGATATCATCAGCATAGCAGAGGATGAGGACCTCAGGGTTCACCTTG
 AGGAATCCAGCAAGCTAGAAGACCTGTTGCGGAAGGTTGCGCCAAGGAGACCAGGAAGCGAGCACTCAG
 CAGGTTAAAGCTGAAGCTCAACAAAGATATAGTGATCTCTGTGGGCATTTATAATCTGGTCCAGAAGGCT
 CTCAAGCTCCTCCAATAAAGCTCTATCGGGAAACAAATGAACAGTGAAAACCAAGACCCGGACCTTTA
 ATACAAGTACAGGCGGTTTGCTTCTGCCTAGCGATACCAAGAGGTCTCAGATCTATGGGAGTCGTCAGAT
 TATACTGGAGAAAGAGGAAACAGAAGAGCTAAACGGTTTGATGATCCAGGTTTGATGCTCATGGGTTTC
 AAGCCGTTGGTACTGCTGAAGAAACACCATTACCTGAGGCCCTCCCTGTTCTGTGTACCCAGAGGAGTCGC
 TGGTGATTGGGAGCTCAACCCTGTTTCAGTGCTCTGCTCATCAAGTGTCTGGAGAAGGAGGTTGCAGCATT
 GTGCAGATACACACCCCGCAGGAACATCCCTCCTTATTTTGTGGCTTTGGTGCCACAGGAAGAAGAGTTG
 GATGACCAGAAAATTCAGGTGACTCCTCCAGGCTTCCAGCTGGTCTTTTTACCCTTTGCTGATGATAAAA
 GGAAGATGCCCTTTACTGAAAAAATCATGGCACTCCAGAGCAGGTGGGCAAGATGAAGGCTATCGTTGA
 GAAGCTTCGTTTACATACAGAAGTACAGCTTTGAGAACCCCGTGTGCAGCAGCACTTCAGGAACCTG
 GAGGCCTTGGCCTTGATTTGATGGAGCCGGAACAAGCAGTGACCTGACATTGCCCAAGGTTGAAGCAA
 TGAATAAAAGACTGGGCTCCTTGGTGGATGAGTTTAAAGAGCTTGTTTACCCACCAGATTACAATCTGA
 AGGGAAAGTTACCAAGAGAAAACACGATAATGAAGGTTCTGGAAGCAAAAGGCCCAAGGTGGAGTATTCA
 GAAGAGGAGCTGAAGACCCACATCAGCAAGGTTACGCTGGCAAGTTCACTGTGCCCATGCTGAAAGAGG
 CCTGCCGGGCTTACGGGCTGAAGAGTGGGCTGAAGAAGCAGGAGCTGCTGGAAGCCCTCACCAAGCACTT
 CCAGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204048 protein sequence
 Red=Cloning site Green=Tags(s)

MSGWESYYKTEGDEEAEEEQEENLEASGDYKYSGRDSLIFLVDASKAMFESQSEDELTPFDMSIQCIQSV
 YISKIISSDRDLLAVVFYGTEDKNSVNFKNIIYVLQELDNPGAKRILELDQFKGQQGQKRFQDMMHGSD
 YSLSEVLWVCANLFSVQFKMSHKRIMLFTNEDNPHGNDSAKASRARTKAGDLRDTGIFLDMHLKKPGG
 FDISLFYRDIISIAEDEDLRVHFEESKLEDLLRKVRKETRKALSRLLKLKLNKDVISVGIYNLVQKA
 LKPPPIKLYRETNEPVKTKTRTFNTSTGGLLLPSDTKRSQIYGSQIILEKEETEELKRFDDPGLMLMGF
 KPLVLLKKHHYLRPSLFVYPEESLVIGSSTLFSALLIKCLEKEVAALCRYTPRRNIPPYFVALVPQEEEL
 DDQKIQTTPPGFQLVFLPFADDRKMPFTEKIMATPEQVGKMKAIVEKLRTYRSDSFENPVLQQHFRNL
 EALALDMEPEQAVDLTLPKVEAMNKRGLSLVDEFKELVYPPDYNPEGKVTKRKHDNEGSGSRKPVEYS
 EEELKTHISKGTLGKFTVPMLEACRAYGLKSLKKQELLEALTKHFQD

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001469
ORF Size:	1827 bp
Buffer:	PBS with 0.001% Pluronic F5519
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_001469.3</u>
RefSeq Size:	2284 bp
RefSeq ORF:	1830 bp
Locus ID:	2547
UniProt ID:	<u>P12956</u>
Cytogenetics:	22q13.2
MW:	69.8 kDa