

Product datasheet for **RC238928A1V**

Human Ku70 (XRCC6) (NM_001288977) AAV Particle

Product data:

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



ORF Nucleotide Sequence: >RC238928 representing NM_001288977
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCAGGGTGGGAGTCATATTACAAAACCGAGGGCGATGAAGAAGCAGAGGAAGAACAAGAAGAGAACC
 TTGAAGCAAGTGGAGACTATAAATATTCAGGAAGAGATAGTTTGATTTTTTTGGTTGATGCCTCCAAGGC
 TATGTTTGAATCTCAGAGTGAAGATGAGTTGACACCTTTTGACATGAGCATCCAGGAGCTGGATAATCCA
 GGTGCAAAAACGAATCTAGAGCTTGACCAGTTTAAAGGGCAGCAGGGACAAAAACGTTTCCAAGACATGA
 TGGGCCACGGATCTGACTACTCACTCAGTGAAGTGTGTGGTCTGTGCCAACCTCTTTAGTGATGTCCA
 ATTTCAAGATGAGTCATAAGAGGATCATGCTGTTTACCACATGAAGACAACCCCATGGCAATGACAGTGCC
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 AGGAAGCGAGCACTCAGCAGGTTAAAGCTGAAGCTCAACAAAGATATAGTGATCTCTGTGGCATTATA
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 CAAGACCCGGACCTTTAATAACAAGTACAGCGGTTTGTCTTCTGCCTAGCGATACCAAGAGGTCTCAGATC
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 CACAGGAAGAAGAGTTGGATGACCAGAAAATTCAGGTGACTCCTCAGGCTTCCAGCTGGTCTTTTACC
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 ATGAAGGCTATCGTTGAGAAGCTTCGCTTACATACAGAAGTGACAGCTTTGAGAACCCCGTGTGCAGC
 AGCACTTCAGGAACCTGGAGGCCTTGGCCTTGATTTGATGGAGCCGGAACAAGCAGTGGACCTGACATT
 GCCCAAGGTTGAAGCAATGAATAAAGACTGGGCTCCTTGGTGGATGAGTTTAAAGAGCTTGTTTACCCA
 CCAGATTACAATCCTGAAGGGAAAGTTACCAAGAGAAAAACAGATAATGAAGGTTCTGGAAGCAAAAGGC
 CCAAGGTGGAGTATTGAGAAGAGGAGCTGAAGACCCACATCAGCAAGGGTACGCTGGGAAGTTCAGTGT
 GCCCATGCTGAAAGAGGCTGCCGGGCTTACGGCTGAAGAGTGGGCTGAAGAAGCAGGAGCTGCTGGAA
 GCCCTACCAAGCACTTCCAGGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC238928 representing NM_001288977
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MSGWESYYKTEGDEEAEQEEENLEASGDYKYSGRDSLIFLVDASKAMFESQSEDELTPFDMSIQELDNP
 GAKRILELDQFKGQQGQKRFQDMMGHGSDYSLSEVLWVCANLFSVQFKMSHKRIMLFTNEDNPHGND
 KASRARTKAGDLRDTGIFLDLMLKPKGGFDISLFYRDIISIAEDEDLRVHFEESKLEDLLRKVRKET
 RKRALSRLKLNKDIVISVGIYNLVQKALKPPPIKLYRETNEPVKTKTRTFNTSTGLLLLPSDTKRSQI
 YGSRQIILEKEETEELKRFDDPGLMLMGFKPLVLLKHHYLRPSLHVYPEESLVIGSSTLFSALLIKCLE
 KEVAALCRYTPRRNIPPYFVALVPQEEELDDQKIQVTPPGFQLVFLPFADDKRKMPTTEKIMATPEQVQK
 MKAIVEKLRFTYRSDSFENPVLQQHFRNLEALALDLMEPEQAVDLTLPKVEAMNKRLGSLVDEFKELVYP
 PDYNPEGKVTKRKHDNEGSGSRPKVEYSEELKTHISKGLGKFTVPMLKEACRAYGLKSLGKQELLE
 ALTKHFQD

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001288977

ORF Size:	1704 bp
Buffer:	PBS with 0.001% Pluronic F10686
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_001288977.1</u>
RefSeq Size:	2155 bp
RefSeq ORF:	1707 bp
Locus ID:	2547
UniProt ID:	<u>P12956</u>
Cytogenetics:	22q13.2
MW:	65.6 kDa