

Product datasheet for **RC211735A1V**

Human XRCC3 (NM_001100118) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	XRCC3
Synonyms:	CMM6
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC211735 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGATTTGGATCTACTGGACCTGAATCCCAGAATTATTGCTGCAATTAAGAAAGCCAACTGAAATCGG
TAAAGGAGGTTTTACACTTTTCTGGACCAGACTTGAAGAGACTGACCAACCTCTCCAGCCCCGAGGTCTG
GCACTTGCTGAGAACGGCCTCCTTACACTTGC GGGAAGCAGCATCCTTACAGCACTGCAGCTGCCAG
CAGAAGGAGCGGTTCCCAACGACGACCAAGCGCCTGAGCCTGGGCTGCCCGGTGCTGGACGCGCTGCTCC
GCGGTGGCTGCCCTGGACGGCATCACTGAGCTGGCCGGACGAGCTCGGCAGGGAAGACCCAGCTGGC
GCTGCAGCTCTGCCTGGCTGTGCAGTTCCCGCGGCAGCAGGAGGCTGGAGGCTGGAGCCGTCTACATC
TGCACGGAAGACGCCTTCCCGCACAGCGCCTGCAGCAGCTCATGGCCACGACCCGCGGCTGCGCACTG
ACGTTCCAGGAGAGCTGCTTCAGAAGCTCCGATTTGGCAGCCAGATCTTCATCGAGCACGTGGCCGATGT
GGACACCTTGTGGAGTGTGTGAATAAGAAGGTCCCCGTACTGCTGTCTCGGGGCATGGCTCGCCTGGT
GTCATCGACTCGGTGGCAGCCCCATTCCGCTGTGAATTTGACAGCCAGGCTCCGCCCCAGGGCCAGGC
ATCTGCAGTCCCTGGGGCCATGCTGCGTGAGCTGAGCAGTGCCTTCCAGAGCCCTGTGCTGTGCATCAA
CCAGGTGACAGAGGCCATGGAGGAGCAGGGCGCAGCACAGGGCCGCTGGGGTTCTGGGACGAACGTGTT
TCCCCAGCCCTTGGCATAACCTGGGCTAACCAGCTCCTGGTGAGACTGCTGGCTGACCGGCTCCGCGAGG
AAGAGGCTGCCCTCGGCTGCCAGCCCGGACCTGCGGGTGCTCTTGCCCCCACCTGCCCCCTCCTC
CTGTTCTACACGATCAGTGCCGAAGGGTGCGAGGGACACCTGGGACCCAGTCCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC211735 protein sequence Red=Cloning site Green=Tags(s) MDLDLIDLNPRIIAAIKKAKLKSVKEVLHFGPDLKRLTNLSSPEVWHLRTASLHLRGSSILTALQLHQ QKERFPTQHQRSLGCPVLDALLRGGLPLDGITELAGRSSAGKTQLALQLCLAVQFPRQHGGLEAGAVYI CTEDAFPHKRLQQLMAQQPRLRTDVPGELLQKLRFGSQIFIEHVADVDTLLECYNKKVPVLLSRGMARLV VIDSVAAPFRCEFDSSQASAPRARHLQSLGAMRELSSAFQSPVLCINQVTEAMEEQGAAGPLGFWDERV SPALGITWANQLLVRLADRLREEEAALGCPARTLRVLSAPHLPPSSCSYTISAEGVRGTPGTQSH TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001100118
ORF Size:	1038 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:	NM_001100118.1 , NP_001093588.1
RefSeq Size:	2563 bp
RefSeq ORF:	1041 bp
Locus ID:	7517
UniProt ID:	O43542
Cytogenetics:	14q32.33
MW:	37.9 kDa