

Product datasheet for **RC214791A1V**

Human **XRCC3** (NM_001100119) 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: >RC214791 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGATTTGGATCTACTGGACCTGAATCCCAGAATTATTGCTGCAATTAAGAAAGCCAACTGAAATCGG
TAAAGGAGGTTTTACACTTTTCTGGACCAGACTTGAAGAGACTGACCAACCTCTCCAGCCCCGAGGCTCG
GCACTTGCTGAGAACGGCCTCCTTACACTTGC GGGAAGCAGCATCCTTACAGCACTGCAGCTGCACCAG
CAGAAGGAGCGGTTCCCAACGACGACCAAGCGCCTGAGCCTGGGCTGCCCGGTGCTGGACGCGCTGCTCC
GCGGTGGCTGCCCTGGACGGCATCACTGAGCTGGCCGGACGAGCTCGGCAGGGAAGACCCAGCTGGC
GCTGCAGCTCTGCCTGGCTGTGCAATTCCCGCGGCAGCAGGAGGCTGGAGGCTGGAGCCGTCTACATC
TGCACGGAAGACGCCTTCCCGCACAGCGCCTGCAGCAGCTCATGGCCACGACCCGCGGCTGCGCACTG
ACGTTCCAGGAGAGCTGCTTCAGAAGCTCCGATTTGGCAGCCAGATCTTCATCGAGCACGTGGCCGATGT
GGACACCTTGTGGAGTGTGTGAATAAGAAGGTCCCCGTACTGCTGTCTCGGGGCATGGCTCGCCTGGTG
GTCATCGACTCGGTGGCAGCCCCATTCCGCTGTGAATTTGACAGCCAGGCTCCGCCCCAGGGCCAGGC
ATCTGCAGTCCCTGGGGCCACGCTGCGTGAGCTGAGCAGTGCCTTCCAGAGCCCTGTGCTGTGCATCAA
CCAGGTGACAGAGGCCATGGAGGAGCAGGGCGCAGCACAGGGCCGCTGGGGTTCTGGGACGAACGTGTT
TCCCCAGCCCTTGGCATAACCTGGGCTAACCAGCTCCTGGTGAGACTGCTGGCTGACCGGCTCCGCGAGG
AAGAGGCTGCCCTCGGCTGCCAGCCCGGACCTGCGGGTGCTCTGCCCCCACCTGCCCCCTCCTC
CTGTTCTACACGATCAGTGCCGAAGGGTGCGAGGGACACCTGGGACCCAGTCCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC214791 protein sequence Red=Cloning site Green=Tags(s) MDLDLIDLNPRIIAAIKKAKLKSVEVLHFGPDLKRLTNLSSPEVWHLLRTASLHLRGSSILTALQLHQ QKERFPTQHQRSLGCPVLDALLRGGLPLDGITELAGRSSAGKTQLALQLCLAVQFPRQHGGLEAGAVYI CTEDAFPHKRLQQLMAQQPRLRTDVPGELLQKLRFQSQIFIEHVADVDTLLECYNKKVPVLLSRGMARLV VIDSVAAPFRCEFDQSASAPRARHLQSLGATLRELSSAFQSPVLCINQVTEAMEEQGAAGPLGFWDERV SPALGITWANQLLVRLADRLREEEAALGCPARTLRVLSAPHLPPSSCSYTISAEGVRGTPGTQSH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001100119
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:	<u>NM_001100119.1</u>
RefSeq Size:	2657 bp
RefSeq ORF:	1041 bp
Locus ID:	7517
UniProt ID:	<u>O43542</u>
Cytogenetics:	14q32.33
MW:	37.8 kDa