

Product datasheet for **RC212684A1V**

Human XRCC4 (NM_003401) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human XRCC4 (NM_003401) AAV Particle
Tag:	Myc-DDK
Symbol:	XRCC4
Synonyms:	SSMED
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC212684 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**C

ATGGAGAGAAAAATAAGCAGAATCCACCTTGTCTGAACCCAGTATAACTCATTTTCTACAAGTATCTT
GGGAGAAAACACTGGAATCTGGTTTTGTTATTACACTTACTGATGGTCATTACAGCATGGACTGGGACAGT
TTCTGAATCAGAGATTTCCCAAGAAGCTGATGACATGGCAATGGAAAAAGGAAATATGTTGGTGAAGT
AGAAAAGCATTGTTGTCAGGAGCAGGACCAGCTGATGTATACAGTTTAAATTTTCTAAAGAGTCTTGTT
ATTTCTTTTGGAGAAAACCTGAAAGATGTCTCATTACAGCTTGTTTCCTTCAACCTAGAGAAAGTTGA
AAACCCAGCTGAAGTCATTAGAGAATTATTTGTTATTGCTTGGACACCATTGCAGAAAAATCAAGCCAAA
AATGAGCACCTGCAGAAAGAAAATGAAAGGCTTCTGAGAGATTGGAATGATGTTCAAGGACGATTTGAAA
AATGTGTGAGTGCTAAGGAAGCTTTGGAGACTGATCTTTATAAGCGGTTTATTCTGGTGTGAATGAGAA
GAAAACAAAAATCAGAAGTTGCATAATAAATTATTAATGCAGCTCAAGAACGAGAAAAGGACATCAAA
CAAGAAGGGGAACTGCAATCTGTTCTGAAATGACTGCTGACCGAGATCCAGTCTATGATGAGAGTACTG
ATGAGGAAAGTAAAACCAACTGATCTCTGGGTTGGCTTCAGCTGCTGTAAGTAAAGATGATTCCAT
TATTTCAAGTCTTGATGTCACTGATATTGCACCAAGTAGAAAAAGGAGACAGCGAATGCAAGAAATCTT
GGGACAGAACCTAAAATGGCTCCTCAGGAGAATCAGCTTCAAGAAAAGGAAAATCTAGGCCTGATTCTT
CACTACCTGAGACGTCTAAAAGGAGCAGCTCAGCTGAAAACATGTCTTTAGAACTCTGAGAAACAG
CAGCCCAGAAGACCTCTTTGATGAGATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC212684 protein sequence Red=Cloning site Green=Tags(s) MERKISRHLVSEPSITHFLQVSWEKTLES GFVITLTDGHSAWTGTVSESEISQEADDMAMEKGKYVGEL RKALLSGAGPADVYTFNFSKESCYFFFEKNLKDVSFRLGSFNLEKVENPAEVIRELICyclDTIAENQAK NEHLQKENERLLRDWNDVQGRFEKCVSAKEALETDL YKRFILVLNEKTKIRSLHNKLLNAAQEREKDIK QEGETAICSEMTADRPVYDESTDEESENQTDLSGLASAAVSKDDSIISLSDVTDIAPSRKRRQRMQRNL GTEPKMAPQENQLQEKENSRPDSSLPETSKEHISAENMSLETLRNSSPEDLFDEI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003401
ORF Size:	1008 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_003401.2</u>
RefSeq Size:	1688 bp
RefSeq ORF:	1005 bp
Locus ID:	7518
UniProt ID:	<u>Q13426</u>
Cytogenetics:	5q14.2
MW:	38.3 kDa