

Product datasheet for **RC204952A1V**

Human XRCC1 (NM_006297) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human XRCC1 (NM_006297) AAV Particle
Tag:	Myc-DDK
Symbol:	XRCC1
Synonyms:	RCC; SCAR26
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC204952 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCGGAGATCCGCCTCCGCCATGTCGTGTCCTGCAGCAGCCAGGACTCGACTCACTGTGCAGAAAATC
TTCTCAAGGCAGACACTTACCGAAAATGGCGGGCAGCCAAGGCAGGCGAGAAGACCATCTCTGTGGTCCT
ACAGTTGGAGAAGGAGGAGCAGATACACAGTGTGGACATTGGGAATGATGGCTCAGCTTTCTGTGGAGGTG
CTGGTGGGCAGTTCAGCTGGAGGCGCTGGGAGCAAGACTATGAGGTCCTTCTGGTCACCTCATCTTTCA
TGTCCCCTTCCGAGAGCCGAGTGGCTCAAACCCCAACCGCTTCGCATGTTTGGGCTGACAAGCTGGT
CCGGGCAGCCGCCGAGAAGCGCTGGGACCGGTCAAATTTGTTGCAGCCAGCCCTACAGCAAGGACTCC
CCCTTTGGCTTGAGTTTTGTACGGTTTCATAGCCCCCAGACAAAGATGAGGCAGAGGCCCGTCCCAGA
AGGTGACAGTGACCAAGCTTGGCCAGTTCGTGTGAAGGAGGAGGATGAGAGCGCAACTCTCTGAGGCC
GGGGGCTCTCTTTCAGCCGGATCAACAAGACATCCCAGTCACAGCCAGCGACCCAGCAGGACCTAGC
TATGCAGCTGCTACCCTCCAGGCTTCTAGTGCTGCCTCCTCAGCCTCTCAGTCTCCAGGCCATAGGCA
GCACCTCCAAGCCCCAGGAGTCTCCCAAGGGAAGAGGAAGTTGGATTGAACCAAGAAGAAAAGAGAC
CCCCAGCAAACACCAGCCAGCTGTGCCATCTGTTCCCAAGAGACCTAAATTGCCAGCTCCAACCTCGT
ACCCAGCCACAGCCCGAGTCCCTGCCCGAGCAGGGGGCAGTGACAGGCAAAACCCGAGGAGAAGGCA
CCGAGCCAGACGACCCCGAGCTGGCCAGAGGAGCTGGGGAAGATCCTTCAGGGTGTGGTAGTGGTGCT
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CCAGACTGGACCCGGGACAGCACGCACCTCATCTGTGCCTTTGCCAACCCCCAAGTACAGCCAGGTCC
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CTCCCAGAGGTACCTCATGGCAGGGCCAGGTTCCAGCAGTGAGGAGGATGAGGCCCTCTCACAGCGGTGGC
AGCGGAGATGAAGCCCCAAGCTTCTCAGAAGCAACCCAGACCAAAACCAAGCCCACTCAGGCAGCTG
GACCCAGCTCACCCAGAAAGCCCCAACCCCTGAAGAGACCAAGCAGCCTCACCAGTGTCCAGGAAGA
TATAGACATTGAGGGGTACAGTCAGAAGGACAGGACAATGGGGCGGAAGATTCTGGGGACACAGAGGAT
GAGCTGAGGAGGTGGCAGAGCAGAAGGAACACAGACTGCCCCCTGGCCAGGAGGAGAATGGGGAAGACC
CGTATGCAGGCTCCACGGATGAGAACACGGACAGTGAGGAACACCAGGAGCCTCCTGATCTGCCAGTCCC
TGAGCTCCAGATTTCTCCAGGGCAAGCACTTCTTTCTTACGGGGAGTTCCCTGGGGACGAGCGGCGG
AAACTCATCCGATACGTACAGCCTTCAATGGGGAGCTCGAGGACTATATGAGTGACCGGGTTCACTTTG
TGATCACAGCACAGGAATGGGATCCCAGCTTTGAGGAGGCCCTGATGGACAACCCCTCCCTGGCATTTCGT
TCGTCCCCGATGGATCTACAGTTGCAATGAGAAGCAGAAGTTACTTCTCACCAGCTCTATGGGGTGGTG
CCGAGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC204952 protein sequence Red=Cloning site Green=Tags(s) MPEIRLRHVSCSSQDSTHCAENLLKADTYRKWRAAKAGEKTISSVVLQLEKEEQIHSVDIGNDGSFVEV LVGSSAGGAGEQDYEVLLVTSSFMSPSESRSNSPVRMFGPDKLVRAAAEKRWDRVKIVCSQPYSKDS PFGLSFVRFHSPDPKDEAEAPSQKVTVTKLGQFRVKEEDESANSLRPGALFFSRINKTSPVTASDPAGPS YAAATLQASSAASSAPVSRAIGSTSKPQESPKGKRKLDLNQEEKTPSKPPAQLSPSVKRPKLPAPTR TPATAPVPARAQGAVTGKPRGEGTEPRRPRAGPEELGKILQGVVVVLSGFQNPFRSELKALELGAKYR PDWTRDSTHLICAFANTPKYSQVLGLGGRIVRKEWVLDCHRMRRRLPSQRYLMAGPGSSSEDEASHSGG SGDEAPKLPQKQPQTKPTQAAGPSSPQKPPTPEETKAASPVLQEDIDIEGVQSEGQDNGAEDSGDTE ELRRVAEQKEHRLPPGQEENGEDPYAGSTDENTDSEEHQEPDLPVPELPDFFQKGHFFLYGEFPGDERR KLIRYVTAFIGELEDYMSDRVQFVITAQEWDPSEFEEALMDNPSLAFVRPRWIYSCNEKQKLLPHQLYGVV PQA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006297
ORF Size:	1899 bp
Buffer:	PBS with 0.001% Pluronic F5626
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_006297.1</u>
RefSeq Size:	2102 bp
RefSeq ORF:	1902 bp
Locus ID:	7515
UniProt ID:	<u>P18887</u>
Cytogenetics:	19q13.31
MW:	69.5 kDa