

Product datasheet for **RC215058A1V**

Human XPD (ERCC2) (NM_000400) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human XPD (ERCC2) (NM_000400) AAV Particle
Tag:	Myc-DDK
Symbol:	ERCC2
Synonyms:	COFS2; EM9; TFIIH; TTD; TTD1; XPD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC215058 representing NM_000400
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGCTCAACGTGGACGGGCTCCTGGTCTACTTCCCGTACGACTACATCTACCCCGAGCAGTTCTCCT
 ACATGCGGGAGCTCAAACGCACGCTGGACGCCAAGGGTCATGGAGTCTGGAGATGCCCTCAGGCACCGG
 GAAGACAGTATCCCTGTTGGCCCTGATCATGGCATACAGAGAGCATATCCGCTGGAGGTGACCAAACTC
 ATCTACTGCTCAAGAACTGTGCCAGAGATTGAGAAGGTGATTGAAGAGCTTCGAAAGTTGCTCAACTTCT
 ATGAGAAGCAGGAGGGCGAGAAGCTGCCGTTTCTGGGACTGGCTCTGAGCTCCCGCAAAAATTGTGTAT
 TCACCTGAGGTGACACCCCTGCGCTTTGGGAAGGACGTCGATGGGAAATGCCACAGCCTCACAGCCTCC
 TATGTGCGGGCGCAGTACCAGCATGACACCAGCCTGCCCACTGCCGATTCTATGAGGAATTTGATGCC
 ATGGGCGTGAGGTGCCCTCCCGCTGGCATCTACAACCTGGATGACCTGAAGGCCCTGGGGCGGCGCCA
 GGGCTGGTGCCATACTTCTTGTCTGATACTCAATCCTGCATGCCAATGTGGTGGTTTATAGTACCAC
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 ACGAGGCCCACAACATTGACAACGTCTGCATCGACTCCATGAGCGTCAACCTCACCCGCCGACCCCTTGA
 CCGGTGCCAGGGCAACCTGGAGACCTCGAGAAGACGGTGCTCAGGATCAAAGAGACAGACGAGCAGCGC
 CTGCGGGACGAGTACCGGCGTCTGGTGGAGGGGCTGCGGGAGGCCAGCGCCGCCCGGGAGACGGACGCC
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 GCATTTCTGGGCTTCTGAGGCGGCTGCTGGAGTACGTGAAGTGGCGGCTGCGTGTGACGATGTGGT
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 TCTGTGCTGAACGCCTCCGGTCCCTGCTGATACTCTGGAGATCACGACCTTGTGACTTCTCCCCGCT
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 CCCCAGATCCTGGACTTCCACCCCGTCACCATGGCAACCTTCACCATGACGCTGGCACGGGTCTGCCTC
 TGCCCTATGATCATCGGCCGTGGCAATGACCAGGTGGCCATCAGCTCAAATTTGAGACCCGGGAGGATA
 TTGCTGTGATCCGGAATATGGGAACCTCCTGCTGGAGATGTCCGCTGTGGTCCCTGATGGCATCGTGGC
 CTTCTTACCAGTACCAGTACATGGAGAGACCGTGGCTCCTGGTATGAGCAGGGGATCCTTGAGAAC
 ATCCAGAGGAACAAGCTGCTCTTTATTGAGACCAGGATGGTGCCGAAACAGTGTGCCCTGGAGAAGT
 ACCAGGAGGCCTGCGAGAATGGCCGCGGGGCCATCCTGCTGTGAGTGGCCCGGGGCAAAGTGTCCGAGGG
 AATCGACTTTGTGACCACTACGGGCGGGCCGTCATCATGTTTGGCGTCCCTACGTCTACACACAGAGC
 CGCATTCTCAAGGCGGGCTGGAATACCTGCGGGACAGTTCCAGATTCGTGAGAATGACTTTCTTACCT
 TCGATGCCATGCGCCACGCGGCCAGTGTGTGGGTGCGGCCATCAGGGGCAAGACGGACTACGGCCTCAT
 GGTCTTTGCCGACAAGCGGTTTGCCCGTGGGGACAAGCGGGGAAGTGGCCCGCTGGATCCAGGAGCAC
 CTCACAGATGCCAACCTCAACCTGACCGTGGATGAGGGTGTCCAGGTGGCCAAGTACTTCTGCGGCAGA
 TGGCACAGCCCTTCCACGGGAGGATCAGCTGGCCTGTCCCTGCTCAGCCTGGAGCAGCTAGAATCAGA
 GGAGACGCTGCAGAGGATAGAGCAGATTGCTCAGCAGCTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC215058 representing NM_000400 Red=Cloning site Green=Tags(s) MKLNVDGLLVYFPYDIYPEQFSYMRELKRTLDAKGHGVLEMPSGTGKTVSLLALIMAYQRAYPLEVTKL IYCSRTYPEIEKVIEELRKLLNFYEKQEGEKL PFLGLALSSRNLCIHPEVTPLRFGKDVGKCHSLTAS YVRAQYQHDTSLPHCRFYEEFDAHGREVPLPAGIYNLDDLKALGRRQGWCPYFLARYSILHANVVVSYH YLLDPKIADLVSKELARKAVVVFDEAHNIDNVCIDSM SVNL TRRTLDR CQGNLETLQKT VLR IKETDEQR LRDEYRRLVEGLREASAARETDAHLANPVL PDEV LQEA VPGS IRTAEHFLGFLRRLL EYVKWRLRVQHVV QESPPAFLSGLAQRVCIQRKPLRFCAERLRSLLH TLEITDLADF SPTLLANFATLVSTYAKGFTIIIEP FDDRTPTIANPILHFSCMDASLAIKPVFERFQSVIITSGLSPLDIYPKILDFHPVTMATFTMTLARVCL CPMIIGRGNDQVAISSKFETREDIAVIRNYGNLLEMSAVVPDGIVAFFTSYQYMESTVASWYEQGILEN IQRNKLLFIETQDGAETSVALEKYQEACENGRGAILLSVARGKVSEGIDFVHHYGRAVIMFGVPYVYTQS RILKARLEYLRDQFQIRENDFLTFDAMRHAAQCVGRAIRGKTDYGLMVFADKRFARGDKRGKLPRIWQEH LTDANLNLTVDEGVQVAKYFLRQMAQPFHREDQLGLSLLSLEQLESEETLQRIEQIAQQL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000400
ORF Size:	2280 bp
Buffer:	PBS with 0.001% Pluronic F7314
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_000400.2</u>
RefSeq Size:	2355 bp
RefSeq ORF:	2283 bp
Locus ID:	2068
UniProt ID:	<u>P18074</u>
Cytogenetics:	19q13.32
MW:	86.7 kDa