

Product datasheet for **MR210391A1V**

Mouse Ercc2 (BC034517) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Ercc2 (BC034517) AAV Particle
Tag:	Myc-DDK
Symbol:	Ercc2
Synonyms:	AA407812; AU020867; AW240756; CXPB; Ercc-2; Mhgarco15; RCO015; XPD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210391 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCTCAACGTGGACGGGCTGCTGGTCTACTTCCCGTACGACTACATCTACCCGGAGCAGTTCTCCT
 ACATGCTGGAGCTCAAGCGCACGCTGGACGCCAAGGGTCATGGAGTCCTGGAGATGCCCTCGGGCACTGG
 GAAGACAGTGTCCCTATTGGCCCTGATTGTGGCTATCAGCGGGTCATAGAAGAGCTTCGTAAGCTACTC
 AGCTTCTACGAGCAGCAGGAGGGCGAGAAGCTGCCGTTCTTAGGACTGGCTCTGAGCTCAAGAAAGAACC
 TGTGCATTATCCCGAGGTGACTCCACTGCGCTTTGGGAAGGATGTTGATGGGAAGTGTCACAGCCTAAC
 GGCGTCGTATGTGCGGGCACAGTACCAGCAGGATGCCAGCCTGCCTCACTGCCGTTCTATGAGGAATTT
 GACATCCATGGACGCCAGATGCCGCTCCCTGCGGGCATCTACAACCTGGATGACCTGAAGGCCCTAGGGC
 ATCGCCAGGGTGGTGGCCCTACTTCTGGCTCGATACTCGATCCTGCATGCCAACGTGGTGGTTTACAG
 CTACCACTACCTCTGGACCCCAAGATCGCAGACCTGGTATCCAAAGAGCTGGCTCGCAAGGCTGTTGTG
 GTCTTCGATGAAGCTCACAACATCGACAATGTCTGCATTGACTCCATGAGTGTAACCTACCCCGAGGA
 CTCTGGACCGTTGCCAGAGCACTTAGACACCTACAGAAGACCGTGCTCAGGATCAAGGAGACGGATGA
 GCAGCGGCTGCGGGATGAGTACCGGCGCCTGGTGGAGGGCCTGCGGGAGGCCAGTGTTGGCCCGGAGACA
 GATGCCACCTGGCCAACCTGTGCTGCCGGACGAGGTGCTGCAGGAGGCTGTGCTGGCTCCATCCGTA
 CGGCTGAGCACTTCTGGGCTTTCTGCGGCGGCTGCTGGAGTATGTCAAGTGGCGTCTGCGCGTGACGA
 TGTGGTGCAGGAGAGTCCACCTGCCCTTCTGAGCGGCTGGCCAGCGGGTGTGCATCCAGCGCAAGCCC
 CTCAGGTTCTGTGCTGAACGCCCTGCGCTCCCTGCTGCACACCTGGAGATTGCCGACCTGGCCGACTTCT
 CCCCCTCACACTCCTTGCTAACTTCGCCACTCTCGTCAGCACTTACGCCAAGGGCTTACCATTATCAT
 TGAGCCCTTTGACGACAGGACCCCAACCATCGCCAACCCGTTCTGCATTTCAGCTGTATGGACGCCTCC
 TTGGCCATCAAGCCTGTGTTTGAGCGCTTCCAGTCTGTCATCATCACTTCTGGGACACTGTCCCCACTGG
 ACATCTACCCCAAGATCCTGGACTTCCACCCTGTACAATGGCAACCTTACCATGACGCTGGCCCGAGT
 CTGCCTCTGCCCGATGATCATTGGCCGTGGTAATGACCAGGTAGCAATCAGCTCCAAATTTGAGACCAGA
 GAAGATATTGCTGTGATCCGAACTATGGCAACCTCCTGCTGGAGATGTCCGCCGTGGTCCAGATGGCA
 TTGTGGCCTTCTTTACCAGCTACCAGTACATGGAAAGCACCGTGGCCTCCTGGTATGAGCAGGGCATCCT
 TGAGAACATCCAGAGGAACAACTGCTCTTATTGAGACCCAGGATGGGGCTGAGACCAGTGTGGCCCTG
 GAGAAGTACCAAGAGGCATGCGAGAATGGCCGTGGGGCATTCTGCTCTCAGTGGCTCGGGGCAAAGTAT
 CAGAAGGGATTGACTTTGTACACCACTACGGACGGGCTGTGATCATGTTTGGAGTTCCCTATGTCTATAC
 CCAGAGCCGAATTCTCAAGGCCCGGCTAGAGTATCTGCGGGACCAAGTTCCAGATCCGAGAGAAGCACTTC
 CTCACCTTTGATGCTATGCGCCATGCAGCCAGTGTGTGGGTCGTGCCATCAGGGGCAAGACGGACTATG
 GACTCATGGTCTTTGCTGACAAGCGTTTGTGCGGGCGACAAGCGTGGTAAGCTGCCTCGCTGGATCCA
 GGAGCACCTGACCGACTCCAACCTCAACCTGACCGTGGATGAGGGTGTACAGGTGCGCAAGTACTTCCTG
 CGGCAGATGGCGCAGCCCTTCCACCGGAGGATCAGCTGGGCCTGTGCTGCTCAGCCTGGAGCAGCTGC
 AGTCAGAGGAGACACTACAGCGAATTGAGCAGATCGCACAGCAGCTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210391 protein sequence Red=Cloning site Green=Tags(s) MKLNVDGLLVYFPYDIYPEQFSYMLELKRTLDAKGHGVLEMPSGTGKTVSLLALIVAYQRVIEELRKLL SFYEQQEGEKL PFLGLALSSRNLCIHPEVTPLRFGKDVGKCHSLTASYVRAQYQQDASLPHCRFYEEF DIHGRQMPLPAGIYNLDDLKALGHRQGWCPYFLARYSILHANVVVYSYHYLLDPKIALDLSKELARKAVV VFDEAHNIDNVCIDSMNVNLTTRTLDRCSNLDLQKTVLRKETDEQRLRDEYRRLVEGLREASVARET DAHLANPVL PDEVLQEAVPGSIRTAEHFLGFLRRLLLEYVKWRLRVQHVVQESPPAFLSGLAQRVCIQRKP LRFCAERLRSL LHTLEIADLADFSPLTLLANFATLVSTYAKGFTIIIEPFDDRTPTIANPVLHFSCMDAS LAIKPVFERFQSVIITSGTLSPLDIYPKILDFHPVTMATFTMTLARVCLCPMIIGRGNDQVAISSKFETR EDIAVIRNYGNL LLEMSAVVPDGIVAFFTSYQYMESTVASWYEQGILENIQRNKLLFIETQDGAETSVAL EKYQEACENGRGAILLSVARGKVSEGIDFVHHYGRAVIMFGVPVYVTQSRILKARLEYLRDQFQIRENDF LTFDAMRHAAQCVGRAIRGKTDYGLMVFADKRFARADKRGKLPRIWIEHLTDSNLTVDQEGVQVAKYFL RQMAQPFHREDQLGLSLLSLEQLQSEETLQRIEQIAQQL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	BC034517
ORF Size:	2217 bp
Buffer:	PBS with 0.001% Pluronic F1482
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>BC034517</u> , <u>AAH34517</u>
RefSeq Size:	3500 bp
RefSeq ORF:	2219 bp
Locus ID:	13871
Cytogenetics:	7 9.62 cM
MW:	84.4 kDa