

Product datasheet for **MR204755A1V**

Mouse **Xrcc4** (NM_028012) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Xrcc4
Synonyms:	2310057B22Rik; AW413319; AW545101
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >MR204755 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGAAGGAAAGTAAGCAGAATCTACCTTGCTTCTGAACCAACGTACCTTATTTCTGCAAGTGTCTT
GGGAGAGAGCAATAGGATCCGGCTTTGTTATTACACTTACTGACGCCATTGAGCTGGACTGCAACAGT
TTCTGAATTGGAGATTTCCCAAGAAGCTGATGACATGGCTATGGAGAAAGGAAAATACATTGATGAGCTG
AGAAAGGCACTGGTGCCAGGCTCAGGAGCAGCTGGTACATACAAGTTCTCTTTCTAAGGAGTCTCAGC
ATTTCTCCCTTGAGAAAGAACTGAAAGATGTTTCATTGAGCTTGGTTCCTTCAACCTAGACAAAGTTTC
AAACTCAGCTGAAGTCATAAGAGAATCATTTGTTACTGCCTGGACACCATTACAGAAAAGCAAGCCAAA
AACGAGCACCTGCAGAAAGAAAATGAAAGGCTCCTGAGAGACTGGAATGATGTTCAAGGCCGATTGAGA
AATGTGTGAGTGCCAAAGAAGCCTTGGAGGCTGATTTGTATCAAAGATTATCTTGGTGCTGAATGAGAA
GAAAACAAAGATCCGGAGCTTGCATAAATTGCTAAATGAAGTCCAGCAGCTGGAGGAGAGTACCAAACCT
GAAAGGGAAAATCCGTGTTCTGACAAAACCTGAGGAGCATGGGCTTTATGATGGAAGCACCGATGAAG
AAAGTGGAGCCCCTGTGAGGCTGCAGAACTCTTCATAAGGATGATTCCATATTTCAAGTCCGGATGT
CACTGACATTGCACCAAGTAGGAAGAGGAGACACCGAATGCAGAAGATCTTGGGACAGAACCTAAATG
GCTCCACAGGAGTTGCCGCTACAGGAGAAGGAAAGGCTTGCCTCTTCACTACCCAGACCTTGAAAGAGG
AGAGCACCTCTGCTGAAAACATGTCTTTAGAAACCCTGAGAAACAGCAGCCAGAAGATCTCTTTGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>MR204755 protein sequence Red=Cloning site Green=Tags(s) MERKVSRIYLASEPNVPYFLQVSWERAIGSGFVITLTDGHSAWTATVSELEISQEADDMAMEKGKYIDEL RKALVPGSGAAGTYKFLFSKESQHFSLKELKDVSFRLGSFNLDKVSNSAEVIRELICyclDTITEKQAK NEHLQKENERLLRDWNDVQGRFEKCVSAKEALEADLYQRFILVLNEKKTIRSLHKLLNEVQQLLEESTKP ERENPCSDKTPEEHGLYDGSTDEESGAPVQAAETLHKDDSISSPDVTDIAPSRKRRHRMQKNLGTEPKM APQELPLQEKERLASSLPQTLKEESTSAENMSLETLRNSSPEDLFD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_028012
ORF Size:	978 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_028012.1, NP_082288.1</u>
RefSeq Size:	1557 bp
RefSeq ORF:	981 bp
Locus ID:	108138
UniProt ID:	<u>Q924T3</u>
Cytogenetics:	13 C3
MW:	37.1 kDa