

Product datasheet for **MR207702A1V**

Mouse Ddx49 (NM_001024922) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Ddx49 (NM_001024922) AAV Particle
Tag:	Myc-DDK
Symbol:	Ddx49
Synonyms:	R27090_2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR207702 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

 ATGGCGGGGTTTCGCTGAGATCGGGTTGTCGTCGTGGCTGGTAGAACAGTGTGACAGCTGGGGTTGAAGC
AGCCACAGCCGGTGCAGCTCGGGTGCATTCCGGCCATCCTGGAAGGTCGGGACTGCTTGGGCTGTGCAAA
AACAGGAAGTGGAAGACAGCAGCCTTTGTGCTTCCCATCTTGCAAGAAGCTGTCTGAGGACCCCTTATGGC
ATCTTCTGCTTGGTTCTGACACCCACCAGAGAGCTGGCCTACCAGATCGCTGAGCAGTTCGGGTGCTGG
GGAAGCCTCTGGTCTGAAGGACTGCATCATTGTTGGTGAATGGACATGGTGGCTCAGGCGCTGGAGCT
CTCTCGGAAGCCACATGTAGTGATTGCCACCCCTGGGCGCTGGCTGACCACCTGCGCAGTTCACCACT
TTCAACATGAAGAAAATCCAATTCCTGGTGATGGATGAGGCCGACAGGCTGTGGAGCAGGGTTGCACCG
ACTTCACCACAGACCTGGAGACCATCCTGGCAGCCGTTCCAGCACGAAGGCAAACGCTGTGTTCACTGC
CAGCTGACTGACACACTCAAGGAGCTGAGGGCTGGCCACCAACGAGCCCTTCTTTGGGAGGCACAG
GCCACAGTCCGCACAGTGAGGACGCTTGATCAGCGCTATTTGTTGGTACCGGAGAAGGTGAAGGACGCT
ACCTGGTTCACCTAGTCCAGACCTTCCAGGACCAGCTGGAGGACTGCTCCATCATCATCTTCACCAATAC
CTGAAGACCTGCCAGATCCTTTGTATGATGCTTCGAAAGTTCAACTTCCCCACAGTGGCACTGCACTCC
ATGATGAAGCAGAAAGAGCGCTTTCGGGCCCTGGCCAAATTCAAGTCCAGCATCTATCGATTCTTATTG
CCACTGACGTGGCCTCAAGGGGCTGGACATCCCCACCGTGCAGGTGGTCATCAACCACAACACCCCTGG
GCTTCCAAGATCTACATCCATCGGGTTGGCCGACAGCCGTCAGGGAGGCAGGGGCAAGCCATCACA
CTGGTGACGCAGTATGATATCCACCTGTTGCATGCCATCGAGGAGCAGATCAAGCAGCAGCTGGCAGAGC
TGGTGGTGGAGGAGCTGAGGTTCTACAAATCCTCAGCAGGTCAACGTAGTGAAGGGAGTGCGAAAT
AAAACCTGGAGGCTTCGATTTTGTATGAAAAGAAAGAGATCAACAAGCGGAAACAGATGATCCTGGAGGGG
AAGGACCCAGACCTGGAGGCCAAACGCAAGCTGAGCTGGCCAAGATCAAGCAACAAACCGACGCTTCA
AGGAGAAAGTGGGGCAGACACTTCGGCGGCAGAAAGCAGGGAGCACTGTCCGACGGTCGCGTCTCCAG
ATCTCGGCCCCAAGAGCCAGCCAGGCTGAGGCTCAGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207702 protein sequence

Red=Cloning site Green=Tags(s)

 MAGFAEIGLSSWLVEQCRQLGLKQPTPVQLGCIPAILLEGRDCLGCAKTGSGKTAAFVLPILQKLSDEPYG
IFCLVLTPRELAYQIAEQFRVLGKPLGLKDCIIVGGMDMVAQALELSRKPVVVIATPGRADHLRSSNT
FNMKKIQFLVMDEADRLLEQGCTDFTDLETILA AVPARRQTLLFSATLTDTLKELQGLATNEPFFWEAQ
ATVRTVEQLDQRYLLVPEKVKDAYLVHLVQTFQDQLEDCSIIF TNTCKTCQILCMMLRKFNFTVALHS
MMKQKERFAALAKFKSSIRIL IATDVASRGLDIPTVQVVIHNTPLPKIYIHRVGR TARAGRQQAIT
LVTQYDIHLLHAIEEQIKQLAELVVEEA EVLQILTQVNVVRRECEIKLEASHFDEKKEINKRKQMILEG
KDPDLEAKRKAELAKIKQNNRRFKEKVGQTLRRQKAGSTVRRSRPPSRPQEPAQAEAQD

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001024922

ORF Size:

1440 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_001024922.2, NP_001020093.2</u>
RefSeq Size:	2104 bp
RefSeq ORF:	1443 bp
Locus ID:	234374
UniProt ID:	<u>Q4FZF3</u>
Cytogenetics:	8 B3.3
MW:	54.1 kDa