

Product datasheet for **MR224507A1V**

Mouse Akap7 (NM_018747) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Akap7 (NM_018747) AAV Particle
Tag:	Myc-DDK
Symbol:	Akap7
Synonyms:	6430401D08; AI662165; AKAP15; Akap18; BB170514
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR224507 representing NM_018747 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCCGTTTGCTGCTGTAGATATTCAAGATGACTGTGGAAGCCCTGATGTACCTCAAGCAAACCCAAAGA
GAAGCAAAGAAGAAGAAGATAGAGGCGACAAGAATGATCATGTGAAGAAGAGGAAAAAGCCAAAAA
AGATTATCAGCCCACTATTTCTGTCCATTCCGATCACCAACAAAAAGATTACAACCGAATTAAAGTC
TTGCAAAATTCGATACTACAGCAGGATAAGCGACTGACCAAAGCCATGGTGGGCGACGGCTCCTTTTATA
TTACCTTGCTAGTGATGCAGTTATTAACGAAGATGAAGTAAATATCGGTACCGATGCATTTTGAATT
GAAGCCATTTCGTTGAGGAGATCCTTGAAGGGAACACTTGGCTTTGCCCTTCCAAGGGATTGGCACTTTC
CAAGGTCAGGTTGGCTTTGTGAAGCTGGCAGATGGAGACCATGTTAGCGCACTCCTGGAGATAGCAGAGA
CTGCGAAAAGAACATTTTCGGGAAAAAGGCATCCTAGCTGGAGAAAGCAGAACTTTTAAGCCCCACCTGAC
CTTTATGAAGCTGTCCAAGCACCGATGCTCAGGAAGAAGGGAGTGAGAAAAATCGAGCCTGGATTGTAT
GAACAATTTATCGACCACAGATTTGGAGAAGAACTATTGTACCAGATAGATCTCTGCTCCATGCTGAAGA
AAAAACAGAGCAATGGTTATTACCACTGTGAGTCTTCATCGTGATCGGTGAGAAGGACCGAAGGGAGCC
TGAGGATGCTGAAGTGGTCAGGCTCAGTAAGAGGCTGGTGGAGAACGCCGTGCTCAAGGCTGTCCAGCAG
TACCTAGAAGAGACGCAGAACAAAAAGCAGCCAGGGGAGGGAACTCCACCAAAGCTGAGGAGGGAGATC
GGAATGGTGATGGCAGTGATAACAACCGGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR224507 representing NM_018747 Red=Cloning site Green=Tags(s) MPFAAVDIQDDCGSPDVPQANPKRSKEEEEEDRGDKNDHVKKRKKAKKDYQPNYFLSIPITNKKITTGIKV LQNSILQQDKRLTKAMVGDSFHTLLVMQLLNEDEVNIGTDALLELKPFVEEILEGKHLALPFQGIGTF QGQVGFVKLADGDHVSALLEIAETAKRTRFREKGILAGESRTFKPHLTFMKLSKAPMLRKKGVRKIEPGLY EQFIDHRFGEELLYQIDLC SMLKKKQSNQYHCESSIVIGEKDRREPEDAELVRLSKRLVENAVLKAVQQ YLEETQNKKQPGEGNSTKAEEGDRNGDGSNNRK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_018747
ORF Size:	942 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_018747.4</u>
RefSeq Size:	3140 bp
RefSeq ORF:	945 bp
Locus ID:	432442
UniProt ID:	<u>Q7TN79</u>
Cytogenetics:	10 A4
MW:	35.9 kDa