

Product datasheet for **MR230601A1V**

Mouse Adam17 (NM_001291871) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Adam17 (NM_001291871) AAV Particle
Tag:	Myc-DDK
Symbol:	Adam17
Synonyms:	CD156b; Tac; Tace
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR230601 representing NM_001291871
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGGCCGTGGAGAAGAGAGCACCCTACAAATTAATAGAGCTAATTGACCGAGTTGATGACATAT
 ACCGGAACACGTCGTGGGATAATGCAGGGTTTAAAGGGTATGGAGTGCAGATAGAGCAGATTCTGAATTCT
 CAAGTCTCCACAAGAGGTAAACCTGGTGAAGACACTTCAATATGGCAAAAAGTTCCCAAACGAAGAG
 AAGGATGCTTGGGATGTGAAGATGCTATTAGAGCAATTTAGCTTTGATATAGCTGAAGAAGCATCTAAAG
 TCTGCCTGGCTCATCTTTTACGTACCAGGATTTTGATATGGAACTCTTGGATTAGCTTACGTTGGTTC
 TCCAGAGCAAACAGTCATGGAGGGTTTGTCCAAAAGCTTATTACAACCAACTGTGAAGAAAAACATC
 TATTTAAATAGTGGTCTGACTAGTACTAAAAATTATGGCAAACTATTCTCACAAGGAAGCTGACCTGG
 TTACAACATGAATTGGGACATAATTTTGGAGCAGAATGACCCTGATGGGCTAGCAGAATGTGCCCC
 AAATGAGGACCAAGGAGGAAAGTATGTCATGTATCCCATAGCTGTGAGCGGTGACCACGAGAATAATAAG
 ATGTTTTCAAACCTGCAGTAAACAGTCCATCTACAAGACCATAGAAAGTAAAGGCTCAAGAGTGCTTCCAGG
 AGCGCAGCAACAAGGTGTGTGGCAACTCCAGGGTGGATGAAGGAGAGGAGTGTGACCCGGGTATTATGTA
 CCTGAACAACGACACCTGCTGCAATAGTGACTGCACACTGAAGCCGGGTGTGAGTGCAGTGATAGGAAC
 AGTCCTTGCTGTAAAACTGTCAGTTTGAGACGGCGCAGAAGAAGTGCCAGGAGGCTATTAATGCTACAT
 GCAAAGGAGTGTCTTACTGCACAGGGAATAGCAGTGAGTGCCCCCACCCTGGAGATGCTGAAGATGACAC
 TGTGTGCTTGGACCTTGGCAAGTGAAGGCTGGGAAATGCATCCCTTTCTGCAAGAGGGAGCAGGAGCTG
 GAGTCTGCGCATGCGTTGACTGACAACCTCGTGAAGGTGTGCTGCAGGAACCTTTCTGGCCCGTGTG
 TGCCGTACGTCGATGCAGAGCAAAAGAACTTGTTTTGGAGAAAGGGAAGCCATGTACAGTAGGGTTTTG
 CGACATGAATGGCAAATGTGAGAAACGAGTACAGGACGTAATTGAGCGATTTTGGGATTTTCATTGACCAG
 CTGAGCATCAACACTTTTGGGAAGTTTCTGGCAGATAACATCGTTGGGTCTGTTCTGTTTTCTCCTTGA
 TATTTTGGATTCTTTTCTGAGTCTTGTCCACTGTGTGGATAAGAACTGGACAAGCAGTATGAATCCCT
 GTCTCTGTTTCATCAGTAACATTGAGATGCTGAGCAGCATGGACTCAGCATCTGTTTCGCATCATCAAG
 CCCTTTCTGCACCCAGACTCCAGGTCGTCTGCAGGCCCTGCAGCCAGCTGCCATGATGCCGCCAGTAC
 CTGCAGCTCCAAAAGTGGACCACAGAGGATGGACACCATCCAGGAAGACCCAGCACAGACTCACATGC
 AGATGATGACGGTTTTGAGAAGGACCCCTTCCCAACAGCAGCACAGCTGCCAAGTCTTTGAGGATCTC
 ACAGACCACCCAGTACCAGGAGCGAAAAGGCGCCTCATTCAAGCTGCAGCGTCAGAGCCGAGTTGACA
 GCAAAGAGACAGAGTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGRGEESTTTNYLIELIDRVDDIYRNTSWDNAGFKGYGVQIEQIRILKSPQEVKPERHFNMAKSPNEE
 KDAWDVKMLLEQFSFDIAEEASKVCLAHLFTYQDFDMGTLGLAYVGSPRANSHGGVCPKAYYNPTVKKNI
 YLNSGLTSTKNYKTIILTKEADLVTTHELGHNFGEHDPDLAECAPNEDQGGKYVMYPIAVSGDHENNK
 MFSNCSKQSIYKTIESKAQECFQERSNVCGNSRVDEGEEDPGIMYLNNDTCCNSDCTLPGVQCSDRN
 SPCCKNQCQFETAQKKCQEAINATCKGVSCTGNSSECPPPGDAEDDTVCLDLGKCKAGKIPFCKREQEL
 ESCACVDTDNCKVCCRNLSGPCVPYVDAEQKNLFLRKGKPCVTGFCDMNGKCEKRVQDVIERFWDFIDQ
 LSINTFGKFLADNIVGSVLVFSILFWIPFSILVHCVDKKLDKQYESLSLFHHSNIEMLSMDSASVRIIK
 PFPAPQTPGRLQALQPAAMMPVPAAPKLDHQMDTIQEDPSTDHADDGFEKDPFPNSSTAASFSDEL
 TDHPVTRSEKAASFKLQRQSRVDSKETEC

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_001291871
ORF Size:	1767 bp
Buffer:	PBS with 0.001% Pluronic F4379
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_001291871.1, NP_001278800.1</u>
RefSeq Size:	4470 bp
RefSeq ORF:	1770 bp
Locus ID:	11491
UniProt ID:	<u>Q9Z0F8</u>
Cytogenetics:	12 8.3 cM
MW:	66 kDa