

Product datasheet for **RC237716A1V**

Human Archaemetzincin 2 (AMZ2) (NM_001289054) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Archaemetzincin 2 (AMZ2) (NM_001289054) AAV Particle
Tag:	Myc-DDK
Symbol:	Archaemetzincin 2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC237716 representing NM_001289054 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAAATAATACGGCACTCCGAACAGACACTAAAAACAGCTCTCATCTCAAAGAACCCAGTGCTTGAT
CACAGTATGAGAAATTAATGCTGGGAACAACGTTTAAATGAATGAAGCCTTCCAGCCAGCCAGTGATCT
CTTTGGACCCATTACCTTGCATTCTCCATCAGATTGGATCACCTCCCACCCTGAGGCTCCCCAAGACTTT
GAACAGTTCCTCAGTGATCCTTACAGAAAGACACCTCTCCAAACAAACGCAGCATTTATATACAGTCCA
TTGGCTCTCTAGGAAACACCAGAATTATCAGTGAAGAATATATTAATGGCTCACGGGCTACTGTAAAGC
ATATTTCTATGGCTTGAGAGTAAACTCCTAGAACCAAGTTCCTGTTTCTGTAACAAGATGTTCTTTAGA
GTCAATGAGAACACACAACCTACAAATTCATGCAGGGGACATCCTGAAGTTCTTGAAAAAGAAGAAAC
CTGAAGATGCCTTCTGTGTTGTGGGAATAACAATGATTGATCTTTACCCAAGAGACTCGTGGAATTTTGT
CTTTGGACAGGCCTCTTTGACAGATGGTGTGGGATATTCAGCTTTGCCAGGTATGGCAGTGATTTTTAT
AGCATGCACTATAAAGGCAAAGTGAAGAAGCTCAAGAAAACATCTTCAAGTGACTATTCAATTTTCGACA
ACTATTATATTCCAGAAATAACTAGTGTCTTACTACTCGATCCTGTAAGACTTTAACCACATGAGATCGG
ACACATATTTGGACTGCGACACTGCCAGTGGCTTGCATGCCTCATGCAAGGCTCCAACCACTTGAAGAA
GCTGACCGGCGCCCTCTAAACCTTTGCCCTATCTGTTTGCACAAGTTCAGTGTGCTGTTGGCTTCAGCA
TTGTAGAAAGATACAAAGCACTGGTGAAGTGGATTGATGATGAATCTTCTGACACACCTGGAGCAACTCC
AGAACACAGTACGAGGATAATGGGAATTTACCGAAACCCGTGGAAGCCTTTAAGGAATGGAAAGAGTGG
ATAATAAAATGCCTGGCTGTTCTCCAAAAA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC237716 representing NM_001289054</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MQIIRHSEQTLKLTALISKNPVLVSQYEKLNAGEQRLMNEAFQPASDLFGPITLHSPSDWITSHPEAPQDF EQFFSDPYRKTPSPNKRSIYIQSIGSLGNTRIISEEYIKWLTGYCKAYFYGLRVKLEPVVSVTRCSFR VNENTHNLQIHAGDILKFLKKKKPEDAFCVVGITMIDL YPRDSWNFVFGQASLTDGVGIFSFARYGSDFY SMHYKGKVKLKKTSDDYSIFDNYIPEITSVLLLRSCCTLTHEIGHIFGLRHCQWLACLMQGSNHL EE ADRRPLNLCPICLHKLQCAVGFSIVERYKALVRWIDDESDTPGATPEHSHEDNGNLPKPVEAFKEWKEW IIKCLAVLQK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001289054
ORF Size:	1080 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_001289054.1, NP_001275983.1</u>
RefSeq Size:	1407 bp
RefSeq ORF:	1083 bp
Locus ID:	51321
UniProt ID:	<u>Q86W34</u>
Cytogenetics:	17q24.2
MW:	41.3 kDa