

Product datasheet for **RC215612A1V**

Human AMZ1 (NM_133463) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AMZ1 (NM_133463) AAV Particle
Tag:	Myc-DDK
Symbol:	AMZ1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC215612 representing NM_133463
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCTGCAGTGTAGACCCGCACAGGAGTTCAGCTTCGGGCCCCGGGCCTTGAAGGACGCTCTGGTCTCCA
 CTGACGCAGCCCTGCAGCAGCTGTATGTGTCCGCTTCTCCCCTGCCGAGCGGCTCTTCTGGCCGAGGC
 CTACAACCCGCAGAGGACGCTCTTCTGCACCCTGCTCATCCGCACGGGCTTCGACTGGCTCCTGAGCCGA
 CCCGAGGCTCCGAGGACTTCCAGACCTTCCACGCCTCCCTGCAGCACCGGAAGCCCCGCTGGCTCGGA
 AGCACATCTACCTACAGCCGATAGACCTGAGCGAGGAGCCGGTGGGAAGCTCCCTGCTGCACCAGCTGTG
 CAGCTGCACAGAGGCTTCTTCTGGGCTGCGCGTCAAGTGCCTGCCGTCGGTGGCAGCCGCTCCATC
 CGCTGCTCCTCGCGGCCAGCCGGGACTCTGACAGGCTCCAGCTCCACACAGACGGCATCTGTCTTCT
 TGAAGAACAACAAGCCAGGGGACGCGCTGTGTGTGCTGGGCTCACACTGTCTGACCTGTACCCCATGA
 GGCCTGGAGCTTACCTTCAGCAAGTTCCTTCCAGGGCACGAAGTGGGCTCTGCAGCTTCGCCCCGTTT
 TCAGGGGAATTCCTGAAGTCCGGGCCAGCGCCCTGATCTGGCCTGGTAGAGGCAGCAGCAGACGGCC
 CCGAGGCCCCCTGCAGGACAGGGGCTGGGCCCTGTGCTTCACTGCCCTGGGGATGGTTCACTGTGCAA
 GGTACGTGCCACGAGCTCTGCCACCTTCTGGGCTGGGGAAGTCCGCTGGCTCCGCTCCCTCATGCA
 GGTGCGCTCAGCTGGACGAGGCCCTGCGGCGGCCCTGGACCTCTGTCCCATCTGCCTGAGGAAGCTGC
 AGCATGTCTGGGTTTCAAGGCTCATCGAGAGGTACCAGAGACTCTACCTGGACTCAGCGGTGGTGGG
 GACGTGGCCAGCCAGGAGGCGGGGAGCCGTCACTGTGGGAGGACACCCGCTGCCAGCGCCGACTCG
 GGCATGTGCTGTGAGAGTGACTCGGAGCCCGGCACCACTGTGTGGAGCCCTCACCCCTGATGCCGGGA
 GTCACACCTTCGCTCAGGGCCAGAGGAAGGCTGAGCTACCTGGCAGCTCAGAGGCTCCGCTGCCACC
 TGGGGGCCCTGCGGAGGCCATCAAGGAGCATGAACGGTGGCTGGCCATGTGCATCCAGGCCCTGCAGCGG
 GAAGTGGCAGAGGAGGACCTGGTGCAGGTGGACAGAGCCGTGGACGCCCTCGACCGCTGGGAGATGTTCA
 CGGGCCAGCTCCCGGCCACCAGGCAGGACCCACCCAGCAGAGGACAGCGTGGGCTGCGCAAGGTGCT
 GGGGGACAAGTTCTCTCCCTGAGGAGGAAGCTGAGTGGCCGAAAACCTGCCAGAGCAGAGTGGCCCCC
 CGTCCCTGGGATGGGGAAGAGAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC215612 representing NM_133463
 Red=Cloning site Green=Tags(s)

MLQCRPAQEFSGPRALKDALVSTDAALQQLYVSFAERLFLAEAYNPQRTLFCTLLIRTGFDWLLSR
 PEAPEDFQTFHASLQHRKPRLARKHIYLPIDLSEEPVGSLLHQLCSCTEAFGLRVKCLPSVAAASI
 RCSSRPSRSDRLQLHTDGILSFLKNNKPGDALCVLGLTSDLYPHEAWSFTFSKFLPGHEVGVCSEARF
 SGEPKSGPSAPDLALVEAAADGPEAPLQDRGWALCFALGMVQCCKVTCHLCHLLGLNCRWLRLMQ
 GALSLDEALRRPLDLCPICLRLQHLGFRLIERYQRLYTWTQAVVGWPSQEAGEPSVWEDTPPASADS
 GMCCESDSEPGTSVSEPLTPDAGSHTFASGPPEGLSYLAASEAPLPPGGPAEAIKEHERWLMCIQALQR
 EVAEEDLVQVDRAVDALDRWEMFTGQLPATRQDPPSSRDSVGLRKVLGDKFSSLRRLSARKLARAESAP
 RPWDGEES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
 Serotype: AAV-2
 ACCN: NM_133463
 ORF Size: 1494 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_133463.1, NP_597720.1</u>
RefSeq Size:	4415 bp
RefSeq ORF:	1497 bp
Locus ID:	155185
UniProt ID:	<u>Q400G9</u>
Cytogenetics:	7p22.3
MW:	54.7 kDa