

Product datasheet for **RC202865A1V**

Human Myeloid zinc finger 1 (MZF1) (NM_198055) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Myeloid zinc finger 1 (MZF1) (NM_198055) AAV Particle
Tag:	Myc-DDK
Symbol:	MZF1
Synonyms:	MZF-1; MZF1B; ZFP98; ZNF42; ZSCAN6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202865 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

ATGAGGCCTGCGGTGCTGGGCTCCCCAGACCGAGCACCCCCAGAAGATGAGGGGCTGTGATGGTGAAGC
TAGAGGACTCTGAGGAGGAGGTGAGGCTGCCTTATGGGACCCAGGCCCTGAAGCTGCACGCCTGCGTTT
CCGGTGCTTCCGCTATGAGGAGGCCACAGGGCCCCAAGAGGCCCTGGCCAGCTCCGAGAGCTGTGTCGC
CAGTGGCTGCGTCCAGAGGTACGCTCCAAGGAGCAGATGCTGGAGCTGTTGGTGTGGAGCAGTTCTTGG
GCGCACTGCCCCCTGAGATCCAGGCCCTGTGCAGGGGACGGCCAGGCAGCCCCGAGGAGGCTGCTGC
CCTAGTAGATGGGCTGCGCCGGGAGCCGGGCGGACCCCGAGATGGGTACAGTCCAGGTGCAGGGCCAG
GAGGTCTATCAGAGAAGATGGAGCCCTCCAGTTTCCAGCCCCTACCTGAACTGAGCCTCCAACCTCCAG
AGCCTGGGCCCAAGACACCTCTAGGACTATGCAGGAATCACCCTGGGCTGCAGGTGAAAGAGGAGTC
AGAGGTTACAGAGGACTCAGATTCTGAGTCTGGGCTCTAGCTGCCACCCAGGAGTCTGTACCCACC
CTCCTGCTGAGGAGGCCAGAGATGTGGGACCGTGTGGACAGATCTTTCCCCACAGCAAGACTGGGC
CTGAGGGTCCCTCATGGAGGGAGCACCCAGGGCCCTGTGGCATGAGGAAGCTGGGGGCATCTTCTCCCC
AGGGTTTCGCGTGCAGTAGGCAGCATCTCCGAGGTCCAGGTAGTGTAAAGCCCTCACCTCCACGTCCTCC
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CGCTTCTGCTCCCCAGCGATCTGAGGAGTGAACAGGACCCACGGACGAGGATCCCTGCCGGGTGTGGG
CCCTGCTCTGATCACACCCGCTGGCGCTCCCCAGGGGCCGAGCCGGGGCCGCCCCAGCACTGGGGG
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ACCAGAAGATCCACAGGGTGAGCGACCATTCGTGTGCAGCGAGTGCAGCCGAGCTTCAGCCGAGCTC
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TTCGTGCGCAGCGCGCCTGGAAGAGCATCGAGAGTGCACACGGGCGAACAGCCTTTCGTTGCGCTG
AGTGCGGCCAGAGCTTCCGGCAGCGCTCCAATCTGCTGCAGCACCAGCGCATCCACGGCGATCCCCGGG
CCCTGGCGCTAAGCCCCGGCCCTCTGGTGCGCCGAGCCTCCCGGCCCTTTCGTCGAGCGAGTGC
CGCGAGAGCTTCGCGCGCGCGCGCTGCTGCTGGAGCACCAGGCGGTACACACGGGCGACAAGTCTTTG
GCTGCGTCGAGTGCAGCGAGCGCTTCGGCCGCGCTCAGTGTGCTGCAGCACCAGCGCGTGCACAGTGG
CGAGCGGCCCTTCGCTGTGCCGAGTGCAGGACAGCTTCCGGCAGCGCTCCAACCTGACGCAGCACCGG
CGCATCCACACCGGGGAGCGGCCCTTCGCTGCGCCGAGTGTGGCAAGGCCTTCCGCCAGCGGCTACGC
TCACGCAGCATCTCCGCGTACACACGGGCGAGAAACCTTTGCCTGCCCGAGTGTGGCCAGCGCTTCAG
CCAGCGCTCAAGCTCACGCGTATCAGAGGACACACACCGGGGAAAAGCCCTACCACTGCGGTGAGTGC
GGCCTGGGCTTACGCAGGTCTCGCGGCTCACCAGCACCAGCGCATCCACACGGGCGAACGGCCCTTCG
CCTGCCCGAGTGCAGGCGAGCTTTCGGCAGCAGCCAACTCACCCAGCACCAGCGCATCCACACGGG
TGAACGGCCCTACGCATGCCCTGAGTGTGGCAAGGCCTTCCGCCAGCGGCCACGCTCACGCAGCATCTG
CGACCCACCGACGAGAGAAGCCCTTCGCTGCCAGGACTGTGGCCGCGCTTCCACCAGAGCACCAAGC
TCATTACGACACGCGCTCCACAGCGCCGAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTAA

Protein Sequence:	>RC202865 protein sequence Red=Cloning site Green=Tags(s) MRPAVLGSPDRAPPEDEGPVMVKLEDSEEEGEAALWDPGPEAARLRFRCFRYEEATGPQEALQRLRELCR QWL RPEVRSKEQMLELLVLEQFLGALPPEIQARVQGRPGSPPEAAALVDGLRREPGGPRRWTVQVQGG EVLSEKMEPSSFQPLPETEPPTPEPGKTPPRTMQESPLGLQVKEESEVTEDSDFLESGLAATQESVPT LLPEEAQRCGTVDQIFPHSKTGPEGPSWREHPRALWHEEAGGIFSPGFALQLGSIAGPGSVSPHLHVP WDLGMAGLSGQIQSPSREGGFAHALLLPSDLRSEQDPTDEDPCRGVGPALITTRWRSRGRSRGRPSTGG GVVRGGRCDCVGKVF SQRSNLLRHQKIHTGERPFVCSECGRSFSRSSHLLRHQLTHTTEERPFVCGDCGQG FVRSARLEEHRRVHTGEQPFRCACGQSFRQRSNLLQHQRHGDPPGPGAKPPAPPAGPEPPGPFPCSEC RESFARRAVLLEHQAVHTGDKSFGCVCEGERFGRRSVLLQHRRVHSGERPFACAECGQSFRQRSNLTQHR RIHTGERPFACAECGKAQRPTLTQHRLRVHTGEKPFACPECGQRF SQRLKLTRHQRTHTGEKPYHCGEC GLGFTQVSRLTEHQRIHTGERPFACPECGQSFRQHANTQHRRHTHTGERPYACPECGKAQRPTLTQHL RTHRREKPFACQDCGRRFHQSTKLIHQRVHSAE SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_198055
ORF Size:	2202 bp
Buffer:	PBS with 0.001% Pluronic F5374
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_198055.1</u>
RefSeq Size:	2938 bp
RefSeq ORF:	2205 bp
Locus ID:	7593
UniProt ID:	<u>P28698</u>
Cytogenetics:	19q13.43
MW:	82.1 kDa