

Product datasheet for **RC213196A1V**

Human ZIM3 (NM_052882) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ZIM3 (NM_052882) AAV Particle
Tag:	Myc-DDK
Symbol:	ZIM3
Synonyms:	ZNF264; ZNF657
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC213196 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

 ATGAACAATTCAGGGAAGAGTGACCTTCGAGGATGTCACTGTGAATTCACCCAGGGGAGTGGCAGC
GGCTGAATCCCGAACAGAGAACTTGTACAGGGATGTGATGCTGGAGAATTACAGCAACCTTGTCTCTGT
GGGACAAGGGGAAACCAACCCGATGTGATCTTGAGGTTGGAACAAGGAAAGGAGCCATGGTTGGAG
GAAGAGGAAGTCTGGGAAGTGCCGTGCAGAAAAAATGGGACATTGGAGGGCAGATTTGGAAGCCAA
AGGATGTGAAAGAGAGTCTCGCAAGAGAAGTCCCATCAATCAATAAGGAAACGCTGACTACGCAGAAAGG
TGTAGAATGTGACGGATCTAAGAAAATACTTCCACTGGGCATAGATGATGTATCTTCTTCAACACTAT
GTACAAAATAATTCTCACGATGATAATGGATACAGAAAATTAGTTGGCAATAATCCATCCAAATTTGTAG
GACAACAACCTGAAATGTAATGCCTGTAGAAAGTTATTCAGTTCAAAGTCACGCCTTCAAAGTCACCTGAG
GAGGCATGCCTGTCAAAAACCTTTGAATGTCATAGCTGTGGAAGAGCATTCTGGGAGAGTGGAAAGCTT
GATAAACATCAGAAAACCTCACGCAGAGGAAAGGCCCTATAAATGTGAGAACTGTGAAATGCCTACAAGC
AGAAGTCAAAATCTCTTCAACATCAGAAAATGCATACTAAAGAGAAACCTTATCAGTGTAGACATGTGG
AAAAGCCTTTTCTGGAAATCATCCTGCATTAATCATGAGAAAATTCATAATGCCAAGAAATCCTATCAG
TGTAATGAATGTGAGAAATCCTTCAGGCAGAACTCAACCTCATTCAACATAAAAAAGTTACACTGGAC
AAAAACCTTTCAATGTACGGACTGTGGAAGGCTTTCATTTACAAGTCAGATCTTGTGAAACACCAGAG
AATACACACGGGAGAGAAACCTATAAATGTAGCATATGTGAGAAGGCCCTTTCCAGAAATCCAATGTC
ATCGATCATGAGAAAATTCACACTGGGAAGAGAGCTTATGAGTGTGATCTATGTGAAATACCTTTATCC
AGAAGAAAAACCTCATTCAACATAAAAAATCCATACTGGGAAAAAGCCCTATGAATGTAAACAGATGTGG
AAAAGCCTTCTTTTCAGAAAGTCAAACCTTCATAGCCATCAGAAAACCTCATAGCGGAGAGAGGACCTATAGA
TGTAAGTGAATGTGAAAAACCTTCATCCGGAATTAACCTTAGTTTGATATAAAAAAACCATACTGGAC
AAAAACCTTATGGATGTTCTGAATGCGGTAAAGCCTTCGCTGACAGGTCATACCTGTTAGGCACCAGAA
AAGAATCACTCCAGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC213196 protein sequence

Red=Cloning site Green=Tags(s)

 MNNSQGRVTFEDVTVNFQTGEWQRLNPEQRNL YRDVMLENYSNLVSVGQGETTKPDVILRL EQGKEPWLE
EEEVLGSGRAEKNGDIGGQIWKPKDVKESLAREVPSINKETLTTQKGVECDGSKKILPLGIDDVSSLQHY
VQNNSHDDNGYRKL VGNNPSKFVGQQLKCNACRKL FSSKSRLQSHLRRHACQKPFEC HSCGRAFG EKWKL
DKHQKTHAEERPYKCENCGNAYQKSNLFQHQKMHTKEKPYQCKTCGKAFSWKSSCINHEKIHNAKKSQY
CNECEKSFRQNSTLIQHKKVHTGQKPFQCTDCGKAFIYKSDLVKHQRIHTGEKPYKCSICEKAFSQKSNV
IDHEKIHTGKRAYECDL CGNTFIQKKNLIQHKKIHTGEKPYECNRCGKAFFQKSNLHSHQKTHSGERTYR
CSECGKTFIRKLNLSLHKKTHTGQKPYGCSECGKAFADRSYLV RHQKRIHSR

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_052882

ORF Size:

1416 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_052882.1, NP_443114.1</u>
RefSeq Size:	2627 bp
RefSeq ORF:	1419 bp
Locus ID:	114026
UniProt ID:	<u>Q96PE6</u>
Cytogenetics:	19q13.43
MW:	54.5 kDa