

Product datasheet for **MR210096A1V**

Mouse Zswim3 (NM_178375) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Zswim3 (NM_178375) AAV Particle
Tag:	Myc-DDK
Symbol:	Zswim3
Synonyms:	4921517A06Rik; C86566
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210096 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

 ATGGAGCTAGGCAGCTGCTTTAAGACCTACGAGGACTTCAAGGAGTGTTTCAGCGCCTACAAAAAGGAGA
CCAGGTGCTCCTTCATTGTCAGGACTGCATCTCCGTCCGCTTCCATAACCTCAACAACGGCACCTCTTT
CCGCGAGGATATCCTATATGTGCAGGTGAAATTTGTCTGTATTCGGACGCAGTCAAAACAGGAAGAAAAC
CGGAAGGTGGACAGGTGCCAGCGTATCTGCTGCTGCAATACAACGAGACTCTAGATAGACTGTTTATCA
GTGAGTTGAATACCCAGCACATTCATGCTGACTCTAATGCTTCTGGAGGAATCCCTGCTAGCAAGCCTCA
GGCAATATGTCTACACAACTCCCGCCGGTGCAGCTCAGCATCAGGAAAGACCTTGATACAGCAGAGAAG
CCCTCAGTAGAGCCGTCATTTTGCCTCGATAAGATACACAAGCCCTCAAATCCAGAACAGGAGGGCATCA
GTCCTTCTGATATGGCCAAGATAGCAAAAGTGATGAAGAACTTTCTTACCGTGGACGAGGGCTCAATGGC
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TTCGCCCGATTCCAGAGACACTCTTGCTGCACCGGTGGAAAACAGCCAGGGCCATATTCTGTATGCTT
TCTTGGTGGAGAACAAGGAGCGAGAGTCTGAGTGGTGCACCTCGCTGTGCTCAAGGCTGAGACAGCGCC
TTCTGTGGCCAAGATGCTCAATATCTTTACAGAATCAACTCTGATTGGCCCAAGGTCAAGATGGTCTTT
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TCCCAAGTCTACTAGATGAGGAACCTTCAGTTTCTCCAGGCCATTGGTTCTCTGTGAAGTCTGT
GGTACATACATGTGAGGAAGGCTGCATGCATGAACACCTACATGGACAGCCTAGACATAGTACCAG
CAAGGTGTCAAGCCTCTTTCGGGAACAGCGGTCTCTGCTGGACTGCATCCTTCACTTTGTGGATTACATA
GACTTCTTTAATACCAAGGTCTGAAGAGCTTGCCCAAAATGCTCCCAAGTTAAGGAGAACTCGGCTCC
CAAGCAGCCTCCAAGGCCAAGAAGCCTTTTGAATTTGTGGTGGGGTGACACCAGGCTCCCTGTGGA
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AGGTGGTACAGAATCCACCCACCTGGTAGACGAGGCCGGCTCCTCAGTGGCTGTTGAGTCTGCTAGAGAA
CTCACACCAGGTGAGCAAGATGGCTGTAGCTGCAGTCTCCTTTCAACAGTGTACCATCTGCCATGC
CGCCACATTTTGGCTCTGTTGCATACCAGCCAGCAGCCAGTAGGGGAAGCCATGGTGTGCTGCCGTGGC
AGAAGAAATACCAGCACCTCCTTGACCCCAATGGGGAGCTGCAAGACCGTGAATCATCCAAACACAGA
TCAGCCTGAAAAGCAAGGTGAGAACCACATGATTCCGGACCTAAGCAGGAGCTGGCAAACTGTGATG
CAGACCGAGGGGCCAGAGCTGGAGGAGCGCTGCTCCACCCTGCGCAAGATTGTGGACATCTGGGAGACC
CCTATCAGCTGCCTGAGTCCAGTCAGCAGCCAGTTGACTTCAGAGACGTGGGCTGCCTCCCTTCTCTG
GGGAAAGCTAGAGGAAGCAGACAGCCCCCTCTTGCTGAAGCCATGGTTCATGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210096 protein sequence Red=Cloning site Green=Tags(s) MELGSCFKTYEDFKECF SAYKKETRCSFIVRDCISVRFHNLNNGTSFREDILYVQVQFVCIRTQSNRKKTRKVDRCPAYLLQYNETLDRLFISELNTQHIHADSNASGGIPASKPQAICLHKLPVPVQLSIRKDLDTAEKPSVEPSFCLDKIHKPSNPEQEGISPSDMAKIAKVMKNFLTVDGSMASFVGTSDQLDRLSFQSSKMSDLFARFPETLLLRVENSQGHILYAFLVENKERESRVVHFAVLKAETAPSVAKMLNIFTEFNSDWPVKVMVFVDPSFPHRAILQEIFPSARTLLSIYHTTRLLEKKLHQSSVNASFKRLMKEALREAVFVSSDASLKNLCESQVLLDEELFSFLQAHWFSCCELLWYIHVRKGLHACNTYMSLDIVTSKVSSLFREQRSLLDCILHFVDYIDFFNTKGLKSLPTNAPKLRRLPSTPPRPKPFRI CGGGDTRLPVEEVEETKADSAQSQLPQPQDQSSKAGMLDILHQSGSELAYKLCHNEWVQNSTHLVDEAGSSVAVQLLENSHQVSKDGCSCSCSFQQC YHLPCRHILALLHTSQQPVGEAMVCCRQWKYQHLLDPNGELQDRGIIPNTDQPEKQGQNMIRDL SRELANLLMQTEGPELEERCSTLRKIVDIWADPYQLPESSQQPVDFRDVGCLPFLWGKLEEADSPPLAEAMVHD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_178375
ORF Size:	2085 bp
Buffer:	PBS with 0.001% Pluronic F1194
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_178375.2, NP_848462.1</u>
RefSeq Size:	2711 bp
RefSeq ORF:	2088 bp
Locus ID:	67538
UniProt ID:	<u>Q8CFL8</u>
Cytogenetics:	2 H3
MW:	79.1 kDa