

Product datasheet for **MR224893A1V**

Mouse Zscan5b (NM_133204) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Zscan5b (NM_133204) AAV Particle
Tag:	Myc-DDK
Symbol:	Zscan5b
Synonyms:	Zfg1; Zfp371
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR224893 representing NM_133204
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCTACGAATGTGCCCCAGATAGCCCTGTCAAGTCAAGGCAATCAGTATCACTGATATCCAGGTAA
 AACATGGAGAAAGGCAAACTACAACCCGAGTTTTGGCACGTGAAGTCCGAGGTTTCAGTCCCTCTGA
 AGGGTCCAACCTGGATCCAGGACCTGAGGAGCATCTCTGAGCTCTGCTATCAGTGGCTGAGGCCGACCTG
 AACAGCAAGGAGGAGATCCTAGATCAGCTGGTCTGGAGCAGTTCCTAATTTGCATGCCACCAGAGCAGC
 AGGCCTTAGTGAAGGAGAGCGGAGTGAAGAGCTGCAAAGACCTGGAAAAGCTGCTGAGGGACAGGAAACG
 CCACAACCTGGTCCATAATCTACTCCCAAGGACAGGCACACCTCCTTCGGCATCCAGCGTTGGGAAGGCT
 GAAGCCGAGAGGATAAATGGGACATACGACTTCTCCAGGAGCACCTATCAAATGAGAGCGAGGAGT
 CTCTCAATAGAGGCCAGGCCAGCCGGGAGCTACAGAACCTCTCTGAGACCGAAGGCCATCCACCAGCCA
 GGAAGAGGGCATTCTTCTGGGAGTGATTCTCTGAGAGGAGACAGCCAGACTACCTGAGACCTGAGATGAGC
 CCAGGGAGTGACTCAGTTCCTGACTTGAAGAGGCAGAGGCATCTGTGTTTGTGGTCTGAGACCTCTTC
 CAGCCCTGGGTCCCGCTGGTTCTCTTGAGTAAGGGTGCCGTGCAGCCCAAGAAGACACTGTTGTGGA
 TGCTGTACCATCGTTCACCCATATTCTGAAAGAGATCTAGCCTTGAACAGAGATCTTCAGAGTCTTTCT
 GGTTTCAACTTACCCACTTCCCAAGGAGTGGCGTCTATATGGGCAATACAGAAGATGGGCTAGAGGCTG
 CTAATCCCGAGCTGCTAACCCACAGCTGAGAAGCAAGTTGACAGTCTTGCTGGCCAGGCTCGGTTTCA
 GTGTACTGAATGCAAGAAGAGCTTTCTTTACAAGTCCCGGTTTGACCTCCACCAGAGGTACACACAGGA
 GAGAGACCTTCAAGTGCATCTGTGCAACAAGGCCTTTGTTCACTCTCCGACCTGAGAGTCCACCAGC
 GTGTCCACACAGGGGAGAAGCCTTACATGTGTGAAGTCTGTGGGATGGAGTTTGCCCATGGGTCCACCCT
 GCAGGGCCACAGTCGAGTCCACACGAAGGAGAAGCCTTTGTGTGTAAGGATTGTGGGCAACGCTTCTGC
 CACAAGGGCAACCTCAATGTCCATTTCCGCATCCATTGCAACTGAGACCCTATGTCTGTAAGAAGTGTA
 ACAAGACTTTCGACAGCAGGGGACTTGAAGCGACACATGAAAACCCACCTGAGAAAGAGAAAGGTGTC
 TGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR224893 representing NM_133204
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MATNVPDPSVRSGQSVSLISQVKHGERQYNPEFWHVKFRGFSPEGSNWIQDLRSISELCYQWLRPDL
 NSKEEILDQLVLEQFLICMPPEQALVKEGKSKDLEKLLRDRKRHNWSIIYSQGAHLRHPVSGKA
 EAAEDKWGHTDFSQEHLSNESESLNRQASRELQNLSETEEPSTSQEEGILLGVIPERRQPDYLRPEMS
 PGSDSVPDLEAEASVFVGQDPLPALGPAGSLGVKGAVQPQEDTVVDVPSFTHILERDLALNRDLQSL
 GFNLPTSQGVASYMGNTEDGLEAANPEPANPQPEKQVDSLQAGQARFQCTECKKSFLYKSRFDLHQRSHGT
 ERPFKILCNKAFVQSSDLRVHQRVHTGEKPYMCEVCGMEFAHGSTLQGHRSRVHTKEKPFVCKDCQGRFC
 HKGNLNVHFRIHCNLRPYVCKCNKTRFQGTWKRHMKTHLRKRKYSE

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_133204

ORF Size:

1404 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_133204.2, NP_573467.2</u>
RefSeq Size:	1969 bp
RefSeq ORF:	1407 bp
Locus ID:	170734
Cytogenetics:	7 A1
MW:	53 kDa