

Product datasheet for **MR230494A1V**

Mouse Zscan21 (NM_001044704) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Zscan21 (NM_001044704) AAV Particle
Tag:	Myc-DDK
Symbol:	Zscan21
Synonyms:	AI326272; CTfin51; RU49; Zfp-38; Zfp38; Zipro1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR230494 representing NM_001044704
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGACTAAGTGGTGGGCATGGCCACAGTTCTGGGCCCCAGGCCACCTCAGGAATCTATGGGACCTTCGC
 CCATTAAGTAGAAGAGGATGAAGAGAAAGACAAGTGCTGCCCTACCCTAGAGCTATCCCATAAGCACTT
 CAGACAGTCTGGGAACCAAGATACCCTTGAGCCAATGGGTCTTCGACCATTAAAGCTGAAGAGGATGAA
 AGCAAAGACAAGTGCCGCCCTAACCTAGAGATATCCCGTAAGAGCTTCAAGCAGTTTGGGTACCAAGACA
 CTCTTGAGCAGTTGGGACCTTCGACCATTAAAGCTGAAGAGGATGATGAGAAGGATAAGGGCCACCCTAG
 CCCAGAGATATCTCGACAGCGCTTCAGGCAATTTGGGTACCATGACACTCTGGGCCCCGAGAGGCACTG
 AGCCAGCTTCGGGTGCTCTGCTGTGAGTGGCTACAGCCCGAGATCCACACCAAAGAGCAGATTCTAGAGC
 TACTGGTCTGGAGCAGTTCCTGACCATCTGCCCCGAGAGCTCCAGACCTGGGTACAGCAGCACTGCC
 TGAAAGTGCAGAGGAGGCGTCACTCTCTGGAAGACCTGGAGCAAGAATTGATGAGCCAGGACTGCAG
 GTCTCATCTCCTCCAAATGAACAGAAGCAGTCTTGGGAGAAAATGTCAACTTCAGGAACGGCAATGGAGT
 CCTTAAGCAGTACTGAGACCCAACATGTGGATGCCAGCCCTAAATATGAGTTTTGGGGGCCCTGTACAT
 CCAAGAGACTGGTGGAGGAGGTTTTTACTCAGGATCCAAGAAAGCGCCAAGTTTTAAATCGAATCCC
 CAGAAGGAGGACTCAGCAGATGAGCACAGAAGTTCTGAAGAAGAGTCTCATGCAGACGGACTCAAAGAA
 CCGTCATCCCCATGATTCCTGCCAATAAGTATGGGTACGGTACAGAAAGGCAGTGGGCCAAACCTGGA
 GAGGGAGAGAGGGACAAAAGCCTCTCTCAAGACACAGTTCCAGGAAAGGGGCAGAGCCAGCGTCTACT
 AGGCCTGCCCCAGGAGAGAAAACGTTACATATGTGCAGAGTGTGGGAAGGCCTTTAGCAATAGCTCAAAC
 TCACTAAGCACCGGAGAACACACACTGGGGAGAAGCCTTATGTGTGTACAAAGTGTGGGAAGGCTTTCAG
 CCACAGCTCCAACCTTACCCTTACCTTACCGAACTCACCTGGTGGACCGGCCCTATGACTGTAAGTGTGG
 AAAGCCTTTGGGCAGAGCTCAGACCTCCTTAAACATCAAAGGATGCACACGGAAGAGGCGCCCTATCAGT
 GTAAAGACTGTGGAAAGCCTTTAGTGGGAAGGCAGCCTCATTTCGACACTATCGCATCCACACAGGGGA
 GAAGCCCTATCAGTGTAAAGTGTGGAAAGAGTTTTAGTCAGCATGCAGGTCTCAGTTCTCATCAGCGT
 CTGCATACAGGGGAGAAACCCTATAAGTGTAAAGAGTGTGGCAAAGCCTTCAACCATAGTTCAAATTTTA
 ATAAGCATCATAGAATCCATACTGGCGAAAAGCCTATTGGTGTAGCCACTGTGGGAAAACCTTCTGTAG
 CAAGTCCAATCTGTCCAAGCATCAGAGAGTTCACACTGGAGAGGGAGAAGTCCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230494 representing NM_001044704
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MTKVVGMAVLGPRPPQESMGPSPIKVEEDEEKDKCCPTLEL SHKHFRQSGNQDTLEPMGPSTIKAEED
 SKDKCRPNLEISRKSFKQFGYQDTLEQLGPSTIKAEEDDEKDKGHPSEISRQFRQFGYHDTGPREAL
 SQLRVLCEWLQPEIHTKEQILELLVLEQFLTILPRELQTVWVQHCPESAEEAVTLLEDELEQELDEPGLQ
 VSSPPNEQKQSWEKMSTSGTAMESLSSTETQHVDASPKYEFWGPLYIQETGEEVFTQDPRKRQGFKSNP
 QKEDSADEHRSSEESHADGLKRTVIMIPANKYGSRSERQWANNLERERGTKASLQDTSRKGAEPA
 RPAPGEKRYICAECGKAFSNSSNLTKHRRHTGKPYVCTKCGKAFSHSSNLTLHYRTHLVDRPYDCKCG
 KAFGQSSDLLKHQRMHTEEPYQCKDCGKAFSGKSLIRHYRIHTGKPYQCNECGKSFSSQHAGLSSHQR
 LHTGKPYKCKEKGAFNHSSNFNKHHRHTGKPYWCSHGKTFCSKSNLSKHQRVHTGEGEVQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001044704

ORF Size:	1665 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_001044704.2</u> , <u>NP_001038169.1</u>
RefSeq Size:	2302 bp
RefSeq ORF:	1668 bp
Locus ID:	22697
UniProt ID:	<u>Q07231</u>
Cytogenetics:	5 76.96 cM
MW:	63 kDa