

Product datasheet for **MR208051A1V**

Mouse Zscan12 (NM_016684) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Zscan12 (NM_016684) AAV Particle
Tag:	Myc-DDK
Symbol:	Zscan12
Synonyms:	2510038J07Rik; FPM315; mKIAA0426; zfp-96; Zfp96
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208051 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACATCTACTAGTGATACCAAGGTCTGTAAGAACCAGGGTGGACTTTTGGAAATAAAATGGAGGAAG
 AATGTAAGTATACCACCAGACAAGATAGGAACCTACAAAAGAACACTTATAACAGAGACGCTTCCGAAA
 ATACTTCAGACAGTTTTGCTACCAGGAACTTCTGGACCCGGGAGGCTCTGAGCCGGCTGCGCGAGCTC
 TGCAGACAGTGGCTGCGGCCGACTTGAACAGCAAGGAGCAGATCCTGGAGCTGCTGGTCTGGAGCAGT
 TCCTGACCATCTGCCAGGGGAGCTGCAGGCTGGGTGCAGGAGCAGAATCCGGAGAGTGTGGAGGAGGT
 GGTGACTGTGCTGGAGGATTTAGAGAGAGAGCTTGATGAACTAGGATACCGGGCCTCAGTCCAACTGAA
 GAACAGGTAACGTTTCAGGAGGTGAAGCCTTTGGCAACAGAGCAGAAACCCAGCGTGTCCCTTCAGTTTG
 TCAAAGCCAAGCCTGGGTGTGAAGTTCAGGCGGTGAAGCCAGGAGGAGCAAGTTTCAGGTGTTGAGAC
 TGGCAATGAGCCAGGAATGTCACTCTAAAGCAAGGCCTCTGGGAAGGGACGGAAGCAGAACAGAATCCT
 GCTAGCAGATTAGCAAAGGATGCACTTGAGTGTGAAGAAGCTCAACCCCTGGAGAAGAGTCTTCTGGTA
 TTTCCCATGAAGACAGCCAGCCTCTGCGTAATGAAATGGTGTAAATTCTCTGCGAACTCAGAGTACGC
 TAAACACCAGAGCATCTGTCCAGGGAGAAAAGTGCATGGGTGTGATGAGTGTGGAAGAGTTTACTCAG
 CACTCGGCCTCATAGAGCACAAGAGAGTCCACACTGGAGACAGGCCCTACAAATGTGAAGTATGTGGGA
 AAATTTCCGATGGAGGACTGTTCTTATTCGACACAAGGTGGTCCACACTGGAGAGAAACCGTATAAATG
 TAATGAATGTGGCAGGGCTTTTGCCAGTGGTCAAGCTTAACCAACATCAGAGACTTCACTCGGGAGAA
 AAGCACTACCACTGTAAAGATGTGGCAAGCCTTTTGCCAGAAAGCAGGCCCTTTTACCATCTCAAGA
 GCCATAGAAGAAACAGACCTTATCAATGTCTTCAGTGTAAATAAAGTTTAAATCGCCGTTCTACACTTTC
 TCAGCATCAAGGAGTTTCACTGGAGCAAAACCCCTACGAATGCAACGATTGTGGGAAAGCTTTTGTATT
 AACTCATCTCTTGCTACCATCAGGAAACCCATCACAAGGAGAAACCCCTCACTCAAAGTGGTCTATTTC
 AGCAGCAGAGGAACACACCAAGGAGAAAGCCCTACAAATGCAGTGTATGTGGAAGAGCATTTATTCAAAA
 AATAAGTCTTATAGAACACGAACAAATTCATACCGGAGAGAGACCGTATAAATGTGCTGAGGGCGGGAAG
 GCCTTTATTAGATGTCAGAAGTACAGAACAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208051 protein sequence
 Red=Cloning site Green=Tags(s)

MTSTSDTKVCKNQGLLEIKMEECKYTTTRQDRNLQKNTYNRDVFRKYFRQFCYQETSGPREALSRLREL
 CRQWLRPDLNSKEQILELLVLEQFLTILPGELQAWVQEQNPESVEEVTVLEDLERELDELGYRASVQTE
 EQVTFQEVKPLATEQKPSVSLQFVKAKPGCELAGREAQEEQVSGVETGNEPRNVTLKQGLWEGTEAEQNP
 ASRLAKDALECEEAHNPGEESGISHEDSQPLRNENGVNSPANSEYAKHQSIQGRKVHGCDECGKSFTQ
 HSRLIEHKRVHTGDRPYKCEVCGKTFWRVTLIRHKVVHTGEKPYKCNECGRAFGQWSALNQHQRLHSGE
 KHYHCNECGKAFQKAGLFHHLKSHRRNRPYQCLQCNKSFNRRSTLSQHQQVHTGAKPYECNDCGKAFVY
 NSSLATHQETHHEKPFQTSGPIQQQRNHTKEKPYKCSVCGKAFIQKISLIEHEQIHTGERPYKCAEGGK
 AFIQMSELTEH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_016684

ORF Size:

1503 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_016684.2</u> , <u>NP_057893.2</u>
RefSeq Size:	4435 bp
RefSeq ORF:	1506 bp
Locus ID:	22758
UniProt ID:	<u>Q9Z1D7</u>
Cytogenetics:	13 A3.1
MW:	57.5 kDa