

Product datasheet for **MR222789A1V**

Mouse Zscan4d (NM_001100186) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Zscan4d (NM_001100186) AAV Particle
Tag:	Myc-DDK
Symbol:	Zscan4d
Synonyms:	EG545913
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR222789 representing NM_001100186
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTCACAGCAGGCACCAAGACCTTCAGACCAACAATTTAGAGTTTACTCCATCTCATAGTT
 CTGGTGTGCAAGTGGGTAGAAGACATCTCTAACTCACCAGTGCTCAGCTAACTTTTCTCCAAGTAACAA
 TGGCTGCTGGGCAACTCAGGAGCTGCAAGTCTCTGGAAGATGTTCAACTCCTGGTTGCAGCCAGAAAAG
 CAGACTAAGGAGCAGATGATTTCTCACTGGTCTTGGAGCAGTTTCTCCTCATTGGGCACTGCAAGGACA
 AGTATGCTTTGACAGAGAAGTGGAAAGCCAGTGGTAGCGATATGAGGAGATTCATGGAGAGTCTGACTGA
 TGAGTGCTTGAAGCCTCTGTCATGGTCCATGTTTCAATGCAAGGACAAGAAGCTCTCTTTTCTGAAAAC
 ATGCCATTAAGAAGTCAAGCTTTTGAACAACAGCAATCTGCAACAAGGCCAACACCAGATAATG
 AGCAGATGCCAGTAGACACCACACAAGATAGATTATTGGCCACAGGACAAGAAAACAGTGAATGAATG
 CAACAACCTTTGTAATGCTACTGAAGCAATGTTGGTGAAGCTGTAGTGAAATGAAATGGACTCCCTT
 CTTATTATCCAGAAAGAACAGTACCCTGAGCATGAAGAGGGGAATGTTGTTTTCAATCCCTCTTGATG
 CCAGAAGAGCAAGTCAAGGCAACTCCAGTCATCATGTAGACTTCCGGAGTGCTCCGACTCCTGCGGATGT
 CCCCATGGAGGAACAACCAAGGATTTATCCAGAGAAAACATCTCTGAGGACAAGAACAATTGCTATAAC
 ACTTCCAGGAATGCAGCTACTCAAGTATATAGAAGTGATAATATCCAGGAAAAAGACAGACTCCCTTT
 CCATTAACAAGAGAATATATCATTCTGAGCCTGAGGAGGGAGATATCCTTATGGAGTTCCTCAGGATTC
 TACAAGAGCAAGTCAAGGAACATCTACATGCTTGAAGAGTCACTTGGGAATGTTTTCTGAAAAGAC
 CCTAGGGAGCTACCAGGTTGGAGTCTAGGCAAGAGGAGCCTATCTCTGATCCTGTCTTTCTTGGTAAGG
 ATCATGAGGCAAACTTACCATGTGAAAGTCACTAAAGAGATTCGTAAGATGCCAACTATTCAAGTG
 TGAAGAATGTTCTAGGATGTTCAAACATGCCAGGAGCCTTTCGTCACCACAGAGAATCAGCTGAATAAG
 AAGAGTGAATTGCTTTGTGTACCTGTGAGAAAATGTTCAAACAGTCTCTGACCGCCGAACCCATGAGA
 TCATACACATGCCAGAAAAGCCTTTCAAGTGCAGCACATGTGAAAAGTCTTCAGCCACAAGACCAACCT
 GAAGTCTCATGAGATGATTCACACAGGAGAAATGCCTTATGTCTGTTCCCTATGTAGCCGTGCTTTGCG
 CAATCATCCACTTACCATCGTCACCTGAGGAATTACCACAGATCTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MASQQAPAKDLQTNNEFTPSHSSGVQWVEDISNPSAQLNFSNNGCWATQELQSLWKMFNWLQPEK
 QTKEQMISQLVLEQFLIGHCKDKYALTEKWKASGSDMRMFESLTDECLKPPVMVHSMQGEALFSEN
 MPLKEVIKLLKQQSATRPTPDNEQMPVDTTQDRLLATGQENSENECNNSCNATEANVGESCSGNEMDSL
 LIIQKEQYPEHEEGNVVFQFLDARRASQGNSSHVDFFRSAPTPADVPMEEQPKDLSRENISEDKNNCYN
 TSRNAATQVYRSDNIPRKKTDLSINKRIYHSEPEEGDIPYGVQDSTRASQGTSTCLQESLGECSFKD
 PRELPGLSRQEEISDPVFLGKDHEANLPCESHQKFRFRDAKLFKCEECSRMFKHARSLSSHQRTHLNK
 KSELLCVTCQKMFKRVSRRTHEIIHMEKPFKSTCEKSFHKTNLKSHEMIHTGEMPYVCSLCSRRFR
 QSSTYHRHLRNYHRSD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001100186

ORF Size:

1518 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_001100186.1</u> , <u>NP_001093656.1</u>
RefSeq Size:	1992 bp
RefSeq ORF:	1521 bp
Locus ID:	545913
UniProt ID:	<u>A7KBS4</u>
Cytogenetics:	7 A1
MW:	58 kDa