

Product datasheet for **MR221370A1V**

Mouse Zscan4f (NM_001110316) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Zscan4f (NM_001110316) AAV Particle
Tag:	Myc-DDK
Symbol:	Zscan4f
Synonyms:	C330039H09Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR221370 representing NM_001110316
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTTCACAGCAGGCACCAGCAAAAGACCTTCAGACCAACAATTTAGAGTTTACTCCAAGTATAGTT
 CTGGTGTGCAGTGGGCAGAAGACATCTCTAACTCACCAGTGCTCAGCTAACTTTCCCAAGTAACAA
 TGGCTGCTGGGCAACTCAGGAGCTGCAAGTCTCTGGAAGATGTTCAACTCCTGGTTGCAGCCAGAAAAG
 CAGACTAAGGAGCAGATGATTTCTCACTGGTCTTGGAGCAGTTTCTCCTCACTGGGCACTGCAAGGACA
 AGTATGCTTTGACTGAGAAGTGGAAAGCCAGTGGTAGCGATATGAGGAGATTCATGGAGAGTCTGACTGA
 TGAGTGCTTGAAGCCTCTGTCATGGTCCATGTTTCAATGCAAGGACAAGAAGCCCTCTTTCTGAAAAC
 ATGCCATTAAGAAGTCAAGCTTTTGAACAACAGCAATCTGCAACAAGGCCAACACCAGATAATG
 AGCAGATGCCAGTAGACACCACACAAGATAGATTATTGGCCACAGGACAAGAAAACAGTGAATGAATG
 CAACAACCTTTGTAATGCTACTGAAGCAATGTTGGTGAAGCTGTAGTGAAATGAAATGGACTCCCTT
 CTTATTATGCAGAAAGAACAGCACCTGAGCATGAAGAGGGGAATGTTGTTTGCAATTCCTCATGGTG
 CCAGAAGAGCAAGTCAAGGCACCCCACTCATCATGTAGACTTCCCGAGTGCTCCGACTACTGCCGATGT
 CCCCATGGAGGAACAACCAAGGATTTATCCAGAGAAAACATCTCTGAGGACAAGAACAATTGCTATAAC
 ACTTCCAGAAATGCAGCTACTCAAGTATATAGTGGTGATAATATCCAGGAACAAGTCAGACTCCCTTT
 TCATTAACAAGAGAATATATCATCTGAGCCTGAGGTGGGAGATATCCTTATGGAGTTCCTCAGGATTC
 TACAAGAGCAAGTCAAGGAACATCTACATGCCTGCAAGAGTCACTTGGGAATGTTTTCTGAAAAGAC
 CCTAGGGAGGTACCAGGTTGCACTGAGGCAAGAGCAGCTTATCTCTGATCCTGCTCTTGGTAAGA
 ATCATGAGGCAAACTTACCATGTGAAAGTCACTAAAGAGATTCTGTAGAGATGCCAACTATACAAGTG
 TGAAGAATGTTCTAGGATGTTCAAACATGCCAGGAGCCTTTATCCCACAGAGAACTCACCTGAATAAG
 AAGAGTGAATTGCTTTGTGTACCTGTGAGAAAATGTTCAAACAGTCTCTGACCGCGCAACCCATGAGA
 TCATACACATGCCAGAAAAGCCTTTCAAGTGCAGCACATGTGAAAAGTCTTCAGCCACAAGACCAACCT
 GAAGTCTCATGAGATGATTCACACAGGAGAAATGCCTTATGTCTGTTCCCTATGTAGCCGTGCTTTGCG
 CAATCATCCACTTACCATCGTCACCTGAGGAATTACCACAGATCTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR221370 representing NM_001110316
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MASQQAPAKDLQTNNEFTPTDSSGVQWAEDISNPSAQLNFPSPNNGCWATQELQSLWKMFNWLQPEK
 QTKEQMISQLVLEQFLLTGHCKDKYALTEKWKASGSDMRRFMESLTDECLKPPVMVHVMQGEALFSEN
 MPLKEVIKLLKQQSATRPTPDNEQMPVDTTQDRLLATGQENSENECNNSCNATEANVGESCSGNEMDSL
 LIMQKEQHPEHEEGNVVCQFPHGARRASQGTSPSHVDFPSAPTTADVPMEEQPKDLSRENISEDKNNCYN
 TSRNAATQVYSGDNI PRNKSDSLFINKRIYHPEPEVGDIPYGVQDSTRASQGTSTCLQESLGECSFKD
 PREVPGLQSRQEQLISDPVLLGKNHEANLPCESHQKRFCDKLYKCEECSRMFKHARSLSSHQRTHLNK
 KSELLCVTCQKMFKRVSRRTHEIIHMEKPFKSTCEKSFHKTNLKSHEMIHTGEMPYVCSLCSRRFR
 QSSTYHRHLRNYHRSD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001110316

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_001110316.2, NP_001103786.2</u>
RefSeq Size:	1829 bp
RefSeq ORF:	1521 bp
Locus ID:	665902
UniProt ID:	<u>Q3URS2</u>
Cytogenetics:	7 A1
MW:	57.6 kDa