

Product datasheet for **MR220734A1V**

Mouse Mettl4 (NM_176917) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mettl4 (NM_176917) AAV Particle
Tag:	Myc-DDK
Symbol:	Mettl4
Synonyms:	2410198H06Rik; A730091E08Rik; AV296509; HsT661
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR220734 representing NM_176917
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCTGTGGTGCATCATTTGCCTCCTGGGTGTTACTGGATCATCTTTCTTTCATTAAACAAAGTAACT
 ATCAACTTTGCCAGCATCAAGAGTCTTTTGTAGTAAAAACAACCTACTTCTTGTCTACATGGATTC
 TCTTCAGCTGGATCCCGGTCTCCTTTTGGAGCTCCTGCTATGTGCTTTGCTCCTGACTTCACTACTGTG
 TCGGGCAATGACGATGAAGGAAGTTGTGAAGTGATCACCGAAAAATATGTTTTCCGATCTGAGCTATTTA
 ATGTCACCAAACCTTACATAGTTCAGCTGTTCAAAAGAGCGCCAAACAAAGTAACAAAAACGAAATCT
 AGTGACTGACTATAACAAGAGGTCTCTGTTTCTGTTGGGAAGAAGCGTAAAAGATGCATTGCTTCAAT
 CAAGGTGAATTGGATGCCATGGAGTATCATACAAAGATCAGAGAGCTGATTTTGGATGGATCTTCGAAGT
 TAATCCAAGAAGGTCTCAGAAGTGGTTTTCTTTACCCACTTGTGAAAAACAGGATGGAAGTAGCGGATG
 CATCACTTTACCACTTGATGCCTGCAATTTATCAGAGTTATGTGAGATGGCAAAACATTTGCCTTCTTA
 AATGAAATGGAGCTTCAAACGCTACAGTTGATGGGAGATGATGTGTCTGTTATAGAGCTGGATTTATCCT
 CACAGATCATTGAAAAACACTCCAGCTTTTCCAAAATGATTACTTTAATGGGACAAAAATACCTGCTGCC
 ACCACAAAGCAGCTTTCTTTTGTCTGACATTTCTTGTATGCAGCCACTTCTTAAGTGTGGTAAGACATTT
 GATGCAATTGTGATTGATCCACCATGGGAGAACAAATCGGTTAAAGAAGTAACAGGTACAGTAGTTTAT
 CACCACAGCAGATAAAGCGAATGCCTATCCCTAACTGGCTGCTGCTGACTGTCTCATTGTTACTTGGGT
 GACCAACAGGCAGAAACATCTGTGTTTTGTGAAGGAGGAAGTATATCCTTCGTGGTCTGTGGAAGTTGTT
 GCAGAGTGGTACTGGGTAAAAATCACAATTCAGGAGAGTTTGTGTTCCCGTTGGATTCTCCACACAAAA
 AGCCTTATGAATGTCTTGTACTGGGAGAGTTAAAGAAAAAATCCCTTAGCATTAAGGAATCCAGATGT
 AAGAATACCCCAAGTTCAGATCAGAAGTTGATTGTGAGTGTGCCCTGTGTTCTTCACTACACAAACCG
 CCTCTTACCGAAGTTCTGAGAGACTACATCAAGCCAGGTGGCCAGTGCTTGAATTGTTTGTAGGAATT
 TACAGCCAGGTTGGATGAGTTGGGGCAACGAAGTCTCAAGTTTCAGCACATGGATTATTTATTGCTCT
 GGAGTCCGGATGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR220734 representing NM_176917
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MSVVHLLPPGWLLDHLFINKVNYQLCQHQESFCSKNNPTSSVYMSLQLDPGSPFGAPAMCFAPDFTTV
 SGNDDEGSCEVITEKYVFRSELFNVTGPYIVPAVHKERQQSNKNENLVTDYKQEVSVSGKKRKRKCIAPN
 QGELDAMEYHTKIRELILDGSSKLIQEGLRSGFLYPLVEKQDGSSGCITLPLDACNLSELCEMAKHLPSL
 NEMELQTLQMGDDVSVIELDLSSQIIENNSSFSKMITLMGQKYLLPPQSSFLSDISCMQPLLNCGKTF
 DAIVIDPPWENKSVKRSNRYSSLSPQQIKRMPKPLAAADCLIVTWVTNRQKHLCFVKEELYPSWSVEV
 AEWYWKITNSGEFVFPLDSPHKPYECLVLGRVKEKTPLALRNPDVRIPPVPDQKLIVSVPCLVHSHKP
 PLTEVLRDYIKPGGQCLELFARNLQPGWMSWGNELVKFQHMDYFIALESG

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_176917

ORF Size:

1413 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_176917.4</u>
RefSeq Size:	2150 bp
RefSeq ORF:	1416 bp
Locus ID:	76781
UniProt ID:	<u>Q3U034</u>
Cytogenetics:	17 E5
MW:	53.3 kDa