

Product datasheet for **MR210110A1V**

Mouse Mettl13 (NM_144877) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mettl13 (NM_144877) AAV Particle
Tag:	Myc-DDK
Symbol:	Mettl13
Synonyms:	5630401D24Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210110 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAATCTCTACCTAAAAGCTCCAAGGAGTTTGGCTCTGCCGACTACTGGGAGAAGTTCTTCCAGCAGC
 GAGGGAAGACAGCTTTTCGAGTGGTATGGGACCTATCTGGAGCTGTGCGAGGTGCTGCACAAATACATAAA
 GCCCAAGGAAAAGGTGCTTGTGATCGGATGTGGCAACTCAGAGCTCAGTGAACAACCTCTATGATGTGGGC
 TATCAGGATATCGTGAACATCGACATCAGCGAGGTTGTCATCAAGCAGATGAAGGAACGCAATGGCAGCC
 GACGGCCCCACATGAGTTTCTGAAGATGGACATGACCCAGCTGGAGTTTCTGACGCCACATTCAGGT
 GGTGTTGGACAAGGACGCTGGATGCTGTCTGACAGATGAGGAGGAGGTGACCCTGCGTCAGGTGGAC
 AGGATGCTAGCTGAGTTGGCCGTGCTGTCAGGTGGGCGGTGCTACCTCTGCATCTCCCTGGCTCAGG
 CTCACATCTGAAGAAAGCAGTGGGCCACTTCTCTCGGAGGGGTGGATGGTGAAGGACACCAAGTGGC
 CAGCAGCCAGGACCGGTGTCTGAAGCCGAGCCCCGCTTCTCCCTGCCGTCTTTGCCTTCGTCTGACT
 AAGTTACAGCCAGTCCCTGGCTCTGCCCTTCAGATCTTTGAGCTGTGTACTCAGGAGCAGGGCAAGCCCCG
 TAAGGCTGGAGAGTGCTGATCAGCTGGCGGAGGCTGTGCGGGAGCGCCAGTACTATGCTTGGCTGTGTAG
 TCAGCTGCGCCGCAAAGCCGGGCTGGGAGTGTGTCCCTGGACTTGTGCAAGTGGGGACACGGGGGAGCCA
 CGCTACACCCTCCAGTGGTGGACAACCCCGCTGTGAAACCATCGCGGACAATCATTTTGCCATTTTCA
 TCATCCCCCAGGTCGCGAGACCGAGTGGCTCTTTGGCATGGAGGAGGGCCGGAAGCAGCTGGCAGCCAG
 TGCGGGCTTCAGGAGTTGGTCACAGTGGCTCTCCACCGAGGCCAGCGGTATGCTGGCATGGAAGCATT
 CAAGCAGAGTTGTCAGCCAGAGTCATGGAGCTGGCCCCGGCTGGGTTGCCTCCCAGCAGCAGGTGCCCT
 TCCTGTCTGTGGTGGGACATTGGGGTCCGGACTGTGCAGACCAAGACCACAGTGCCTTGAGTGGTGA
 CTATGTTATTGAGGATGTGAAGGGGAAGACAGATGGTACTTTTCGGCGGCTCATCTTCCTCAGCAACAGG
 AACGTGGTGCAGTCGGAAGCCAGGCTGCTGAAGGATACGTCTCACAGAGCCCAGAAGAAACGGAAAAAGG
 ACAGGAAAAACAGCGACCTGCTGATACTTCTGAGGACTTCCCGCCTGCCCGAGGACAGTCCATCGATAA
 GAGTTACCTGTGCTGTGAACACCATAAAGCCATGGTTGCTGGCCTTGCCCTGCTGAGAAACCCGAGCTA
 CTCTTAGAGACTCCACTGACATTGCTGGTGGTGGGCTGGGTGGAGGTAGCCTCCCTCTCTTCGTTACG
 ATCATTTCCCGAAGTCCCGCATCGATGCTGTTGAGATTGACCCACAATGTTGGAAGTGGCCACTCAGTG
 GTTTGGCTTCTCACAGAGCGACCGGATGAAGTTTACATTGCAGATGGTCTTGACTACATTACCAGCCTG
 GCAGGAGAAGCGCCGCTCACTATGATGTGATAATGTTTGATGTAGACAGTAAGGATCCGACGCTGGGGA
 TGAGCTGTCTCCCCCAGCATTTGTGGACCAAGTTTCTGCAGAAGGTCAAAGCATCCTGTGTACGA
 CGGCGTCTTATCCTTAACCTCGTGTGTGCGGACGTGAGGTTAAAGGACTCAGTGCTGGCTGGACTCAAG
 GCAGCCTTCCCTCTCTCTATGTCCGGCGGATTGAAGGCGAGGTGAATGAAATCCTGTTTGTGAGCTGC
 ATCCAGAACAGAACTTGCTACACCAGAGCTCTGGAAATGGCCAGGTTTGGAGCGGACCTGCGGAA
 GCCTGGGCAGGGTTGGGATGACACGTATGTTCTGTGAGATATGCTGAAGACTGTGAAGATTGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210110 protein sequence Red=Cloning site Green=Tags(s) MNLLPKSSKEFGSADYWEKFFQQRGKTAFEWYGTYLELCEVLHKYIKPKEKVLVIGCGNSELSEQLYDVG YQDIVNIDISEVVIKQMKERNSSRRPHMSFLKMDMTQLEFPDATFQVVLDKGTLDVLTDEEEVTLRQVD RMLAEVGRVLQVGGRYLCISLAQAHILKKAVGHFSREGWMVRAHQVASSQDRVSEAEPRFSLPVFAFVMT KFRPVPGSALQIFELCTQEQQKPVRLSADQLAEAVRERQYYAWLCSQLRRKAGLGSVSLDLCSGDTGEP RYTLHVVDNPAVKPSRDNHFAIFII PQGRETEWLFGMEEGRKQLAASAGFRRLVTVALHRGQRYAGMESI QAELSARVMELAPAGLPPQQQVPFLSVGGDIGVRTVQHQDHSALSGDYVIEDVQGEDRWYFRRLIFLSNR NVVQSEARLLKDTSHRAQKKRKKDRKKQRPADTSEDFFPAPGQSIDKSYLCCEHHKAMVAGLALLRNPEL LLETPLTLLVVGGLGGSLPLFVHDHFPKSRIDAVEIDPTMLEVATQWFGFSQSDRMKVHIADGLDYITSL AGEAPPHYDVIMFDVDSKDPTLGMSCPPAFVDQVFLQVKVKSILCHDGVFILNLVCRDVRKDSVLAGLK AAFPLL YVRRIEGEVNEILFCQLHPEQKLATPELLEMAQVLERLTKPGQGWDITYVLS DMLKTVKIV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_144877
ORF Size:	2094 bp
Buffer:	PBS with 0.001% Pluronic F1208
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_144877.1, NP_659126.1</u>
RefSeq Size:	2801 bp
RefSeq ORF:	2097 bp
Locus ID:	71449
UniProt ID:	<u>Q91YR5</u>
Cytogenetics:	1 H2.1
MW:	78.8 kDa