

Product datasheet for **MC216142**

Mettl17 (NM_001029990) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mettl17 (NM_001029990) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mettl17
Synonyms:	2310032K15Rik; D14Ertd209e; Mett11d1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216142 representing NM_001029990
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCACCGCCAGGACACCGAGATTTCTGCTGCTGTTCTGCAGATCCTGCCGACGCTTCGAGGACCCC
 AGTCCCGAGCATACGCCGCCCTTGTGCCGGTGTGTCCCAGGTAGACAACGGGTCGGATTTCTGGGGAA
 GAAGCCCCATCGAAAGCATCCCGGCATCTGCATCTCCGCACGTCCAGCTGCCGCAAGCACTGGCTGAC
 GCCGCACAGTTAATGCTTTTGGAGAGCCATGCGCAGTGTAGAGAAGCAGGTGCAAGCACTCACCAACT
 ATCTCTGGAGCCGACATTTACCTGTAGAGCCGGAGGAGTTGCAAAGACGGGCTGCGTATCTTGAGAAAA
 ATTCTGGAAAAACAAGACTCAGCTCCACAGAGGAGAACTTCGTGAGGCAGTACTGCATGCCCTGCGC
 AAAACTACCTACCATTGGCAGGAACTCAGCTACAGTGAAGAGCTGAGTCTGATCTATATGGCAGCCAGAT
 TGGACGGTGGTTTTGCTGCAGTTTTCAGGGCATTCCATGAGATCCAGGCTCGAATCCAGAGTTTCGGCC
 ACAGACGTTGATGGACTTTGGGTCTGGCACTGGTTCTGTGCGCTGGGCTGCCACAGAAGTTGGGGCCAG
 AGCCTCCGTGAATACGTGTGTGGACAGTTCAGCTGCCATGTTGGGTTTGGCGGAGAAGCTTCTGAAAG
 GTGGTTCAGAATCAGGAAGCCCTGTATCCCAGGTGTCTTTTTCAGACAGTTTCTACCTGTGCACCCAA
 GGTCCAGTTTGTGTGGTGGTATCAGCCTACGCCCTCAGTGAAGTACCCAGCAGGGCTGATCGCATTGAG
 GTCATTGAGAAGTTGTGGCGTAAGACAAGCCATTTTCTGGTATTGGTGGAGAACGGAACCAAGCTGGGC
 ACCGACTTCTCATGGATGCCAGGAACCTGGTCTCGGGGAAAAAGAGAAGTACACCTTTGGACCTTCGACC
 TAGCTTTGTCTTTGCCCATGTCCCATGAACTCCCTGTCTCAGCTGAATGCCTCCAAGTCCCTGGCC
 TGTAGCTTCTCCAGGCTTATCATCCAATCCCTTTAACTGGAATAAGAAACCAAGGAGGAAATATTCT
 CTATGGTAATCCTTGGCAGAGGCTCCAAAGGAAGCTAACCCGCTGGCCCGAATCACGCAGCCCGTCT
 TAAACGGCTCGCCATGTGCATTGCCACCTCTGTTGTCCAGACGGGCACATGCAGCACGCTGTGGTGACA
 GCCCGTGGCACGGCAGGATTTGTACCCTGTGCCCGTGTGAGCTCCTGGGGAGACCTTTTACCTGTGA
 TCCTCCATCCGAGTTTCTCTCTCGTCCCTGATGAAGAGCCCCCTGAGAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001029990

Insert Size: 1386 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001029990.1](#), [NP_001025161.1](#)
RefSeq Size: 1637 bp
RefSeq ORF: 1386 bp
Locus ID: 52535
UniProt ID: [Q3U2U7](#)
Cytogenetics: 14 26.71 cM
Gene Summary: May be a component of the mitochondrial small ribosomal subunit.[UniProtKB/Swiss-Prot Function]