

Product datasheet for **MC216533**

Mettl4 (NM_176917) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mettl4 (NM_176917) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mettl4
Synonyms:	2410198H06Rik; A730091E08Rik; AV296509; HsT661
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216533 representing NM_176917
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGTGGTGCATCATTTCCTCTGGTGGTTACTGGATCATCTTTCTTTCATTAACAAAGTAACT
 ATCAACTTTGCCAGCATCAAGAGCTTTTTGTAGTAAAAACAACCCTACTTCTTCTGTCTACATGGATTC
 TCTTCAGCTGGATCCCGGTCTCCTTTGGAGCTCCTGCTATGTGCTTTGCTCCTGACTTCACTACTGTG
 TCGGGCAATGACGATGAAGGAAGTTGTGAAGTGATCACCGAAAAATATGTTTTCCGATCTGAGCTATTTA
 ATGTCACCAAACCTTACATAGTTCAGCTGTTCACAAAGAGCGCCAACAAAGTAACAAAAACGAAAACT
 AGTGACTGACTATAAACAAGAGGTCTCTGTTTCTGTTGGGAAGAAGCGTAAAAGATGCATTGCTTTCAAT
 CAAGGTGAATTGGATGCCATGGAGTATCATACAAAGATCAGAGAGCTGATTTTGGATGGATCTTCGAAGT
 TAATCCAAGAAGGTCTCAGAAGTGGTTTTCTTTACCCACTTGTTGAAAAACAGGATGGAAGTAGCGGATG
 CATCACTTTACCACTTGATGCCTGCAATTTATCAGAGTTATGTGAGATGGCAAAACATTTGCCTTCCTTA
 AATGAAATGGAGCTTCAAACGCTACAGTTGATGGGAGATGATGTGTCTGTTATAGAGCTGGATTTATCCT
 CACAGATCATTGAAAACAACTCCAGCTTTTCCAAAATGATTACTTTAATGGGACAAAAATACCTGCTGCC
 ACCACAAAGCAGCTTTCTTTGTCTGACATTTCTGTATGCAGCCACTTCTTAAGTGTGGTAAGACATTT
 GATGCAATTGTGATTGATCCACCATGGGAGAACAATCGGTTAAAAGAAGTAACAGGTACAGTAGTTTAT
 CACCACAGCAGATAAAGCGAATGCCTATCCCTAACTGGCTGCTGCTGACTGTCTCATTGTTACTTGGGT
 GACCAACAGGCAGAAACATCTGTGTTTTGTGAAGGAGAACTATATCCTTCGTGGTCTGTGGAAGTTGTT
 GCAGATGGTACTGGGTAATAATCACAAATTCAGGAGAGTTTGTGTTCCCGTTGGATTCTCCACACAAAA
 AGCCTTATGAATGTCTTGTACTGGGAGAGTTAAAGAAAAAACTCCCTTAGCATTAAAGGAATCCAGATGT
 AAGAATACCCCGTCCAGATCAGAAGTTGATTGTGTCAGTGGCCCTGTGTTCTTCACTCACACAAACCG
 CCTTTACCGAAGTTCTGAGAGACTACATCAAGCCAGGTGGCCAGTGCTTGAATGTTTCTAGGAATT
 TACAGCCAGGTTGGATGAGTTGGGGCAACGAAGTCTCAAGTTTTCAGCACATGGATTATTTCTTCTGCTCT
 GGAGTCCGGATGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_176917
- Insert Size:** 1416 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_176917.4, NP_795891.2](#)
RefSeq Size: 2150 bp
RefSeq ORF: 1416 bp
Locus ID: 76781
UniProt ID: [Q3U034](#)
Cytogenetics: 17 E5
Gene Summary: Probable methyltransferase.[UniProtKB/Swiss-Prot Function]