

## Product datasheet for **MC205948**

### **Mettl7a1 (NM\_027334) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mettl7a1 (NM_027334) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mettl7a1
Synonyms:	2210414H16Rik; 3300001H21Rik; Aam-B; Mettl7a; UbiE1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC055034  
 CTTTCTCCTCTACTCGCAAAGATGACGCTTGCCGTCTGGCCCTGCGGCTGGTGGTCTGTACCCTGGCGC  
 TTCCCATGTTTCTGCTGAACCTTCTAGGCTTGTGGAGCTGGGTATGCAAAAAGTGCTTTCCCTACTTCT  
 GAAGCGATTCTCCGTGATGTACAATGAGCAGATGGCGAGCCAAAAGCGGGAGCTTTCAGCAATCTGCAG  
 GAGTTCGCGCGCCCTCGGGGAAGCTGACTCTGCTGGAGGTGGCTGCGGCACCGGAGCCAACTTCAAGT  
 TCTATCCCCCGGGTGCAGGGTCACTTGTATCGACCCCAACCCAACTTCGAGAAGTTCTTGTTCAAGAG  
 CGTCGCAGAGAACCAGGCTGCAGTTCGAGCGTTCGTGGTGGCAGCCGGGAGGACATGCACCAGGTG  
 ACCGATGGCTCTGTGGAGTGGTGTCTGCACCCTGGTGTCTGCTCGGTGAAGAACCAGGAGAAGATTC  
 TGCCTGAGGTGTGCCAGTGTGAAGCCGGGAGGGCTTTTTACTTCATGGAACCGTGGCAGATGAACG  
 GTCTACCTGGAATTACTTCTGGCAGCAGGTCTGGATCCTGTCTGGTTCCTTTTTTTTGGATGGATGCAAT  
 CTGACGAGAGAGCTGGAAGACCATAGAGCAGGCCAGCTTCTCGAAGCTAAAGCTACAGCACATCCAGG  
 CCCCCCTCTCTGGACATTGGTGCGCCCCACATCTATGGCTATGCTGTGAAATAGAGTGGGTGGTGGG  
 AGAGATCCGGTCTGCTCCGAGCTGGTCCAGGCTTCCGTTTTAGATGTAAAATTCTACTGGGAGGGGTG  
 AAAATCAAATTCACCTACAGGTTTCTGTTTAGCCATTTCTATGTTGTTTCTACTGAATCAAAACCA  
 AATCAGAGCAGCTTGAACCTCTCCCTCAAAGGGACCAAAGGTCTCTCATAGGCCTTGGAAAAGGAAGCA  
 GTGGGGGAGACTTACAGCTTCAAACCGAATAAATAAATCCAGAAAATGGGAAATCCACGCTGACTAA  
 CACAGGAACACCTCCTCCCTCCCCAACCCGGTAAGAAGGAATCAGAACCCTTGCTATCCTGGTGT  
 ACTAGTCTGCTTTGGCTGCCACCTGTGCTCTGGCCAGTGGCTCTCTGTCTTTGGCTCAGGGTTTTGCCA  
 ATGGCTGCTGCATTGTCTGCACGCCACAGCTCGTATAAGTGCACCTGACACACCAGCGTCATCACAGAA  
 CTCCACAGAACAGATGGGAATCTCTGTTAATTTCCATCTTATCTAGCACATACTTTGCTGAATATAA  
 TTACCGTAGGCAGTAGAAGGCCACTATAGTTAGGGAAATGGGTACAGTACGTGGGAAACCCTAAAAGTAA  
 TGCACGAGAGTAGTTACCAAGGACTCGGGTGCAGGGGGAGGGATTCTCTGATCAAATATCACTGGTC  
 CTGAGTGGGTGTGGTGGTTCAGCCTTAGTCCAGCACTCAGGAGCAGAGGCAGAGGGGAGAGAGAGAG  
 GCAGAGAGAGAGGAGAGAGACAGAGGCGAGAGCAGGTAGATATCCTTGAGTACAGCCTGGTCTACAGAT  
 CAAGTTCAGGACCGCCAGGGCTACACAAAGAAACCCTGTATTGAAGAAGAAAGAAAAAATTCACCTGGT  
 CCTGAAACAAAACCATGGATATCATTGTGTTTCATACAGAGCAAGTCTGGGTGGGCCAAAGGGTTTCAG  
 CTGCATTTGTATGTATGGATCTAAACAAATGTATATTTTTCAAGATGATTTTGCAGAAAGTTCTATTTTAA  
 ATGTTGATCAATAAATTCATATTTAATAAATGAAAATAAATGGTTTCTAAAAAAAAAAAAAAAAAAAA  
 AA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_027334

**Insert Size:** 735 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: BC055034, AAH55034  
RefSeq Size: 1960 bp  
RefSeq ORF: 735 bp  
Locus ID: 70152  
Cytogenetics: 15 F1