

Product datasheet for **RN202538**

Mettl3 (NM_001024794) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mettl3 (NM_001024794) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mettl3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN202538 representing NM_001024794
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGACACGTGGAGCTCTATCCAGGCCATAAGAAACAACCTGGACTCGCTTCGCGAGAGACTGCAGC
 GGCGGCGGAAGCAGGACTCTGGCACTTGGACTTAAGGAATCCAGAAGCAGCACTGTCCCAACCTTCCG
 TAGTGATAGCCAGTGCCTACTGCCCTACCTCTAGTGGCCCTAAGCCCAGCACAACTCTATAGTCCCT
 GAATTAGCTACAGACCCTGAGTTAGAGAAGAAGTTGCTACACCACCTCTCAGATCTCGCCTTAACCTTGC
 CCACTGATGCTGTATCCATCCGCTTGGCCTCTACGCCAGATGCACCTGCCACTCAAGATGGGGTAGA
 AAGCCTTCTACAGAAATTTGCTGCCAGGAGTTGATTGAGGTAAGCGAGGTCTCTACAAGATGACGCA
 CATCCCCTCTCGTAACCTATGCTGACCACTCCAAGCTGTCTGCCATGATGGGGCTGTGGCAGAAAAGA
 AAGGCCTTGGAGAGGCAGCAGGGACTATCACAGGGCAGAAACGGCGTGCAGAGCAGGACTTGACTACGT
 GGCTACCTTTACCAGCTCTTAGCATCTGGTCTGGGCTTTCAACATCAGAACCACTAAGGAGCCAGCT
 AAGAAATCAAGGAAGCAGCTGCCTCAGATGTTGACCTGGAGATAGAAAGCTTTTGAACCAACAGTCAA
 CTAAGGAACAGCAGAGCAAGAAGGTCAGTCAGGAGATCCTAGAGCTATTAATACCAACAGCCAAAGGA
 ACAGTCCATTGTTGAAAAGTTCCGCTCTCGAGGTCGGGCCAGGTGCAAGAATTTTGTACTATGGGACC
 AAGGAAGAGTGCATGAAAGCCAGTGACGCTGATCGGCCTTGTGCGCAAGCTGCACTTCAGACGGATTATCA
 ACAAGCACACTGATGAGTCTTTAGGTGATTGCTCTTTCCTGAACACCTGCTTCCACATGGACACCTGCAA
 GTATGTCCACTATGAAATGACGCCTGTGTGGATTCTGAGAGTCTGGCAGCAAGGAGCAGATGCCGAGC
 CAGGAGCTTGTCTTACACAGAGCGTTGGGGCGACTCCAGTGCAGACCGACTCTTCCACCCAGTGGA
 TCTGTTGTGATATCCGCTACCTGGACGTCAGTATCTTGGGCAAATTTGCAGTTGTGATGGCTGACCCACC
 TTGGGATATTCACATGGAGCTACCGTATGGGACGTTAACAGATGACGAGATGCGCAGGCTCAATATACCA
 GTACTACAGGATGATGGCTTTCTTTTCTGCGTCCAGGCAGGGCCATGGAATTTGGGCAGAGAATGTC
 TGAACCTCTGGGTTACGAGCGGTTGGACGAGATCATCTGGTGAAGACCAATCAGCTGCAGCGCATCAT
 CAGGACAGGCCGGACAGGCCACTGGCTGAACCACGGGAAGGAGCACTGCTTGGTTGGTGTCAAAGGAAAT
 CCCCAAGGCTTCAACCAGGCTGGATTGCGATGTGATTGTAGCTGAGGTTGTTCCACCAGTCACAAAC
 CAGATGAAATATATGGCATGATTGAGAGACTGTCCCCTGGCACCCGAAAGATTGAGTTATTTGGACGACC
 ACACAATGTGCAGCCCACTGGATTACTCTTGGAAACCACTGGATGGGATACACCTTCTGGACCCAGAT
 GTGTTGCCCGTTTAAGCACAGGTATCCAGATGGTGTCTCTAAACCTAAGAAGCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001024794
- Insert Size:** 1743 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_001024794.1](#), [NP_001019965.1](#)

RefSeq Size: 1933 bp

RefSeq ORF: 1743 bp

Locus ID: 361035

Cytogenetics: 15p14