

Product datasheet for **RN216745**

Mettl4 (NM_001191814) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mettl4 (NM_001191814) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mettl4
Synonyms:	RGD1306451
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216745 representing NM_001191814
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCCGTGGTGCATCATTGGCCACCTGGATGGTTACTGGATCATCTTTCTTTCATTAACAAAGTCAACT
 ATCAACTTTGCCAGCATCAAGAGCCTTTTTGTAGCAAAAACAAGCCCACTTCTTCTGCTACTTGGATTC
 TCTTCAGCCAGATCCCGTGTCTCCTTTTGGAACTCCTGCTCCGTGCTTTGCTCCTGACGCCACTACTGTG
 TTAGACAAGGAGGATGGTGAAGTTGTGAAGTGATCACCCAAAAATATGTTTTTCGGTCCGAACTATTTA
 ATGTCACCAAACTTACATAACTCCAGCCGTTCAAAAAAGGACCAACAAAGTAAGAAAGATGAAAACT
 AGTGACCGGTGAAAAACAAGAGGTCTCTGTTTCTGTTGGGAAGAAACGTAAGAAAGATGCGTTGCTTCAAT
 CGAGGTGAATTGGATGCTATGGAATATCATACAAAGATCAGAGAGCTGATTTGGATGGATCTTCTCAGT
 TAATCCAAGAAGTCTCAGAAGTGGTTTCTTTTCCCACTTGTTGAAAAACATGATGGCAGTAGTGGACG
 CATCACTTTACCGCTTGCCTGCAATTTGTCAGAGTTATGCGAGATGGCAAAGCATTTGCCTTCCTTG
 AATGACATGGAGCTTCAAACGCTACAGTTGATGGGAGATGATGTGTTGTACAGAGCTGGACTTATCTT
 CACGGATCATTGAAAACAACTCTAGCTTTTCCAAAATGATCACTTTAATGGGACAGAGATATCTGCTGCC
 ACCAAAAAGCAGCTTTCTTTGTCTGACATTTCTGTATGCAGCCACTTCTTAACTGTAATAAGACATTC
 GATGTGATTGTGATTGATCCACCATGGGAGAACAATCGGTTAAAAGAAGTAACAGGTACAATAGTTTAT
 CCCACAGCAGATAAAGAGAATGCCTGTCCCTAAGCTGGCTGCTCCTGACTGTCTGTGCTTACTTGGGT
 GACCAACAGGCAGAAGCATCTGTCTTTGTGAAGGAGAACTGTACCCTCATGGTCTGTGGAAGTCATT
 GCAGAGTGGTACTGGGTAATAATCACAAATTCAGGGGAGTTTGTGTTCCATTGGATTCTACACAAAA
 AGCCTTATGAATGTCTTGTCTGGGGAGAGTTAAAGAAAAAACTGCTTTAGCATTAAAGGAATGAAGCTGT
 AAGAACGCCCCCGTTCCAGATCAGAGGTTGATCGTCAGTGTGCCCTGTGCTCTGCACTCACACAAGCCG
 CCTCTCGCCGAAGTTCTGAAAGACTACATCAAGCCAGGTGGCCAGTGTGTTGGAATTGTTTCTCGAATT
 TACAGCCAGGTTGGATGAGTTGGGGCAACGAAGTCCTCAAGTTTTCAGCACATGGATTATTTTATTGCTCT
 GGAGTCTGGACAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191814
- 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191814.1](#), [NP_001178743.1](#)

RefSeq Size: 2039 bp

RefSeq ORF: 1416 bp

Locus ID: 316731

Cytogenetics: 9q38