

Product datasheet for **RN206469**

Mettl18 (NM_001025668) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mettl18 (NM_001025668) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mettl18
Synonyms:	RGD1306783
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN206469 representing NM_001025668 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCCTTTCAATTCAATTCAGTATAGAAGAAGATCTGGAAATAAATTAACCTCCCTCGATGATGGAA
 CTTGTGTGTTAAAAAGTCAGAAAGGAAAGGAGGACAAAACCAAGTCTACAGAACTGCCGGCTTGCTCA
 GGATCGCTTGGAATGCTCCTCGCTGGGAAGTGCAGCTTCTCTGAAGACACTGATAGCCACCCAGT
 ACCGCTGACAGGTCAGGTGTCCAGAAGCATGTGAAAAACAGCCCTCCCTGAAACCTGCTAAAGAACAG
 TGATACCTAAAGATTGTGATCAGGTCTTAGAAAAAAGGTTTTGGAAATGCTGCCAGGTCCAGCATGT
 TAGCACAGCAGTAGTGAACCATCTCTTTGAAAGAGAAATCCCTGGAGAAAACATAGTTTCACAAAGC
 TTTTCTTCTCATTCTGATCTGATTCCAGGTGTCTATGAAGGAGGCTTAAAAATCTGGGAATGTACCTTTG
 ATCTCATGACTTATTTACAAAGGCCAAAGTGAATTTGCTGGACAGAAAGTGTGGATCTTGGCTGTGG
 GTCTGGGTGCTTGGGATAACTGCATCCAAAGGAGGGCTAGAGAAGTTCATTTTCAAGATTATAACGGT
 TTGGAATTGATGAAGTGACCTTACCTAATGTAGTTGCTAATGTCCCTTTGCAAGGTGACAGCAATGGCA
 TAAATGAGCCAGCTGGGAAAAGACAAAGGAAGTCAGAAGTAGCCCAAGAAACATGAAGTGTGCGTTGTT
 CTCTGGGAGTGGGCTGAGTTTTGTAAGCTTGATTAAGTGAAAACTGTTTGTGAAATATGACCTCATT
 CTCACCTCAGAAACATTTATAATCCAGATTATTACAGCACATTGCATGAGACACTCCTCAGACTATTGA
 GTAGGAACGGCCGGTGCTTTTGCCAGCAAGCACATTACTTTGGTGTTGGTGGTGTTCATCTCTT
 CCAGAAGTTGTAGAAGAAAAGGTGTGTTTGAGACTCGAACACTTGAGGTAATTGATGAAGGTCTCAAG
 AGGTTTCTGATGGAAATGACTTTTAAGTGCCCCAGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001025668
Insert Size:	1089 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:	<u>NM_001025668.1</u> , <u>NP_001020839.1</u>
RefSeq Size:	1540 bp
RefSeq ORF:	1089 bp
Locus ID:	304928
UniProt ID:	<u>Q4KM84</u>
Cytogenetics:	13q23
Gene Summary:	Probable histidine methyltransferase.[UniProtKB/Swiss-Prot Function]