

Product datasheet for **MC209910**

Mettl2 (NM_172567) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mettl2 (NM_172567) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mettl2
Synonyms: 2810438F06Rik; AW493404; C130031G21Rik; D11ErtD768e; METL; PSENIP1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209910 representing NM_172567
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGCCTCCTTCCTGAAGGCGTGCCGGAGACCGAGGACGGGAAGAGACCGCAGTTCGGGCACCGGT
TCCTGAGCGACCCGGCGCGCTTCCATCACAATGCCTGGGACAACGTGAAGTGGTCCGAGGAGCAGGC
CGCGGCGCGGAGAGGAAAGTGCAGGAGAACAGCTCCCCGCTGGTGTGCCGGAGAAGCAAGTTGATTAT
GAAGTCAATGCCATAAACTACTGGGATGACTTCTACAGAATCCATGAAAAATGGGTTTTTCAAGGATAGAC
ACTGGCTTTTTACTGAGTTCCTGAATTGGCACCTAGCCACAGTCACCTGACGGGTGTACCTTGGAGAA
GCAGAGGAGTGACGTCTGTGAGGACGGACCTGGCTTGACAGCAGAACAGCACAAGTGTCTTGTGCCAGC
CCTGGATGTGAGACTCAGGTGCCTCCCTTGAAGAGCCAGTGACTCAGAAGCTCGGTACCTAGAAATTA
GTGGTGAGGAATTTCTGGCTCCTCTGCCACCTACCGAATACTTGAGGTTGGTTGTGGTGTAGGAAACAC
AGTCTTTCCAATTTTACAACTAACAATAACCCAAACCTTTCGTTTACTGTTGTGACTTTTCTGCCACG
GCTATTGAACTGCTCAAGACAAATCACAATATGATCCTTCTCGCTGTTATGCCTTTGTTTCATGATCTCT
GTGATGAAGATCAGAGTTACCCAGTGCCTGAGGACAGTCTTGATGTCATCGTTCTATATTTGTTCTTTT
AGCAATTGTTCCAGACAAGATGCAGAAAGCGATCAGCAAGCTAAGCCGACTCCTGAAGCCTGGAGGGGTG
ATGCTTCTCGAGACTATGGCCGCTATGACATGGCTCAACTTCGGTTTAAAGAAAGGTCAGTGCTATCTG
GAACTTCTATGTGAGAGGTGATGGCACCAGAGTTTACTTCTTACACAAGGTGAGCTGGATACGCTCTT
CACCGCTGCTGGCCTGGAGAAGGTGCAGAACCTGGTGGATCGCCGCTTGCAGGTGAATCGAGGAAACAG
CTGACCATGTACCGCTCTGGATTCAAGTCAAATACAGCAAGCCTCTAGCACTCCGCTCCAGCCAACATG
TGCCCATCCCCACGCCACAGAAAGTTCTTACATTGGGGCTTTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online >](#)

ACCN:	NM_172567
Insert Size:	1170 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:	<ol style="list-style-type: none"> 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_172567.3</u> , <u>NP_766155.3</u>
RefSeq Size:	2619 bp
RefSeq ORF:	1170 bp
Locus ID:	52686
UniProt ID:	<u>Q8BMK1</u>
Cytogenetics:	11 68.61 cM
Gene Summary:	Probable S-adenosyl-L-methionine-dependent methyltransferase that mediates 3-methylcytidine modification of some tRNAs.[UniProtKB/Swiss-Prot Function]