

Product datasheet for **MC207751**

Mettl5 (NM_029280) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mettl5 (NM_029280) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mettl5
Synonyms: 2810410A08Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207751 representing NM_029280
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGAAGTTAAAGCTTAAGGAACTAGAGAGTCGCCTGCAAGAAGTGGATGGATTGAAAAGCCCAAGT
TACTTCTAGAACAGTATCCACCAGGCCGCACATTGCAGCATGCATGCTTTATACAATCCATAACACATA
CGATGACATTGAAAACAAAGCGTTGCAGATCTAGGATGTGGCTGTGGAGTACTTAGCATCGGAGCGGCA
ATGCTAGGAGCAGGGTTGTGTGGATTGACATAGATGAAGATGCACTGGAAATATTTAATAAGAAATG
TGGAAAGTTTTGAGCTAACAAATGTTGATATGATTCAGTGTGATGTGTAATCATTATCTAACAGAATGTC
CAAGTTATTTGATACAGTAATTATGAATCCTCCCTTTGGGACAAAAATAATAAAGGGACAGATATGGCT
TTTCTGAAGACTGCTTTGGGAATGGCAAGAACAGCAGTATATTCTTTACACAAGTCTCACTAGGGAAC
ATATTCAAAAGAAAGCTGCTGAATGAAAGTCAAGATAGAAATATTGCAGAGCTTCGATATGATCTACC
AGCATTATACAACCTTTCATAAAAAGAAATCTGTGGACATCGAAGTGGACCTAATTCGCTTTTCTTTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_029280

Insert Size: 630 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).



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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_029280.4</u> , <u>NP_083556.2</u>
RefSeq Size:	971 bp
RefSeq ORF:	630 bp
Locus ID:	75422
UniProt ID:	<u>Q8K1A0</u>
Cytogenetics:	2 C2
Gene Summary:	Probable methyltransferase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the supported protein.