

## Product datasheet for **SC317606**

### **METTL2B (NM\_018396) Human Untagged Clone**

#### Product data:

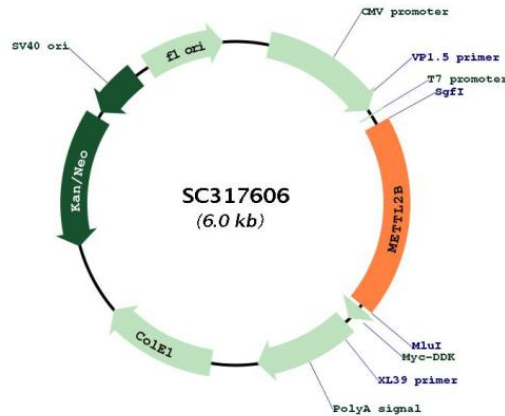
Product Type:	Expression Plasmids
Product Name:	METTL2B (NM_018396) Human Untagged Clone
Tag:	Tag Free
Symbol:	METTL2B
Synonyms:	METL; METTL2; METTL2A; PSENIP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317606 representing NM_018396. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCGGCTCCTACCCTGAAGGTGCACCTGCAATCCTCGCCGATAAGAGGCAGCAGTTCGGAAGCCGG
TTCCTGAGCGATCCGGCGCGCTCTCCACCACAATGCCTGGGACAATGTGGAGTGGTCGGAAGAGCAA
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TATGAGATCAATGCCACAAATACTGGAATGACTTCTACAAAATCCACGAAAATGGGTTTTCAAGGAT
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GAACAGCACAAGTGTCTTCAAGAGCCTTGAACATAAAACACAGACACCTCCTGTGGAGGAGAATGTA
ACTCAGAAAATTAGTGACCTGGAATTTGTGCTGATGAGTTTCTGGATCCTCAGCCACCTACCGAATA
CTGGAGGTTGGCTGTGGTGTGGGAAACACAGTCTTTCCAATTTTACAAACGAACAATGACCCAGGACTC
TTTGTATTGCTGTGATTTTTCTCCACAGCTATAGAAGTGGTCCAGACAAATTCAGAATATGATCCT
TCTCGGTGTTTTGCCTTTGTTCCAGACCTGTGTGATGAAGAGAAGAGTTACCCAGTGCCCAAGGGCAGT
CTTGATATTATCATTCTCATATTTGTTCTTTCCAGCAGTTGTTCCAGACAAGATGCAGAAGGCTATCAAC
AGGCTGAGCAGGCTTCTGAAACCTGGGGGATGGTACTTCTCGGAGATTACGGCCGCTATGACATGGCT
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TACTGCAAGCCCTTCTGTCCAGCACCAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



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**Plasmid Map:**


**ACCN:** NM\_018396

**Insert Size:** 1137 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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_018396.2](#)

**RefSeq Size:** 2192 bp

**RefSeq ORF:** 1137 bp

**Locus ID:** 55798

**UniProt ID:** [Q6P1Q9](#)

<b>Cytogenetics:</b>	7q32.1
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Androgen and estrogen metabolism, Histidine metabolism, Selenoamino acid metabolism, Tyrosine metabolism
<b>MW:</b>	43.4 kDa
<b>Gene Summary:</b>	This gene is a member of a family of methyltransferases that share homology with, but are distinct from, the UbiE family of methyltransferases. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq, Jul 2008]