

Product datasheet for **SC112051**

METTL8 (NM_024770) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	METTL8 (NM_024770) Human Untagged Clone
Tag:	Tag Free
Symbol:	METTL8
Synonyms:	TIP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_024770, the custom clone sequence may differ by one or more nucleotides

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ATGAATATGATTTGGAGAAATCCATTTCTGTCTAAGGCTAGGAAAGTGCCACACAGATACCAAAGTG
GTTACCACCCAGTGGCCCTCTGGGATCAAGGATTTTAACTGACCCAGCCAAAGTTTTTGAACACAACAT
GTGGGATCACATGCAGTGGTCTAAGGAAGAAGAAGCAGCAGCCAGAAAAAAGTAAAAGAAAACAGCT
GTGCGAGTCTTCTGGAAGAGCAAGTTAAGTATGAGAGAGAAGCTAGTAAATACTGGGACACATTTTACA
AGATTCATAAGAATAAGTTTTTCAAGGATCGTAATTGGCTGTTGAGGGAAATTCCTGAAATTCCTCCAGT
TGATCAAAAACCTGAAGAGAAGGCGAGAGAATCATCATGGGATCATGAAAAACTAGTGCTACAAAATCGT
TTCTCAAGAATGCACTGCCTACTGTGCCTGATGAAAAAATCATTATGAGAAAAGTTCTGGTTCTTCAG
AAGGTCAAAGCAAACAGAAATCTGATTTTTCCAACCTAGACTCTGAAAAACAAAAAAGGACCTATGGA
GACTGGATTGTTTCTGGTAGCAATGCCACTTTCAGGATACTAGAGGTTGGTTGTGGAGCTGGAAATAGT
GTGTTTCAAATTTTGAACACTTTGGAGAACTCTCCGGAGTCTTTCTGTATTGTTGTGATTTTGCTTCTG
GAGCTGTGGAGCTCGTAAAGTCACACTCGTCTACAGAGCAACCCAGTGTGTTTGCCTTTGTTTCATGATGT
ATGTGATGATGGCTTACCTTACCCTTTCCAGATGGGATCCTGGATGTCATTCTCCTTGTCTTTGTGCTC
TCTTCTATTATCCTGACAGGATGCAAGGTGTTGTAACCGACTGTCCAAGTACTGAAACCTGGGGGAA
TGCTGTTATTTTCGAGACTATGGAAGATATGATAAGACTCAGCTTCGTTTTAAAAAGGGACATTGTTTATC
TGAAAAATTTTATGTTTCGAGGAGATGGTACCAGAGCATATTTCTTACAAAAGGGGAAAGTCCACAGTATG
TTCTGCAAAGCCAGTTTAGATGAAAAGCAAATCTGGTTGATCGCCGCTTACAAGTTAATAGGAAAAAAC
AAGTAAAAATGCACCGAGTGTGGATTCAAGGCAAATTCAGAAACCATTGCACCAGACTCAGAATAGCTC
CAATATGGTATCTACTCTTTTACAAGACTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024770 unedited
 CCGTTCACATTTGTAAACGACTCACTATAGGCGGCCGCGNAATTCGCACGAGGGCTGGGC
 AGAGCCCTGGGGGCGCGGTGCTGCCGCCTCCAGGTCTCCGCCCGTGTGTGCGCCCTGCA
 CTTAGGGATCCCTCCCTCACTGCCCCGTACTACAAGCTTCTCGGCCCGACCTTCGCC
 CTGGGAGGTTCTGGCCAGGTGCCGGGAGGGGCGCTGTGTGAGGGGCGATCCCCCAAAGC
 AGCGTCCCCTGCTAAAGTACTGCTTAGGATGAATATGATTTGGAGAAATTCATTTCTT
 GTCTAAGGCTAGGAAAGGTGCCACACAGATACCAAAGTGGTTACCACCCAGTGGCCCTC
 TGGGATCAAGGATTTTAACTGACCCAGCCAAAGTTTTTGAACACAACATGTGGGATCACA
 TGCAGTGGTCTAAGGAAGAAGAAGCAGCAGCCAGAAAAAAGTAAAAGAAAACAGCTG
 TGCGAGTCTTCTGGAAGAGCAAGTAAAGTATGAGAGAGAAGCTAGTAAACTGGGACA
 CATTTTACAAGATTCATAAGAATAAGTTTTTCAAGGATCGTAATTGGCTGTTGAGGGAAT
 TTCCTGAAATTTCCAGTTGATCAAAAACCTGAAGAGAAGGCGAGAGAATCATCATGGG
 ATCATGTA AAAACTAGTCTACAAATCGTTTTCTCAAGAATGCACTGTCTACTGTGCCTG
 ATGAAAAAATCATTATGAGAAAAGTTCTGGTTCTTCAGAAGTCAAAGCAAACAGAAT
 CTGATTNTTCAAACCTAGACTCTNGAAAACAAAAAGGACCTATGGAGACTGGATTGTT
 TCCTGGTAGCAATGCCACNTTTCAGAACTANAGGNTGGTTGTGGAGCTGGAATAGTGTG
 TT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_024770 unedited
 ATGGACGCGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGGGA
 GACAAGGGCTCACCATGTACCCAGTTTGGAGCGCAGTGGTACAATCTCAGCTCACTGGA
 ACCTCCGCCTTCGAGGCTCAAGCGATCCTCCACCTCAGTCTCCTGAGTAGCTGGGACCA
 CAGGTGTGTGCCACCATGCCTGGCTAATTTTTGTATTCTTGGGAGAGACAGGGTTTCGCC
 ATGTTGTCCAGGCTGGTCTCGAACTCCTGAGCTCAAGCGATCTGCCTGCCTCAGCCCCC
 AAAGTGTGGGATTACAGGTGCGAGCCATTGCACTGGCCTAACAACTTGTATATCTAAG
 AATAGCCTGAAAATAATGTCAGCATGGGCTGACTTCCCCAATTTTAGGAAAGGAAAGAG
 GAACTAAAATTCTATTTCAAGATATGAGCCTCTGAATTTCAAAAAAATTTGGGAGAAAAT
 AGACCACAACCAGACAAAAAATAATACTTTGACCTTGGGCTTGTGTAGCTTTCCCTG
 GAAATAAGGGGTGCTTTCTCTGCAATCAAATGCAATGGAAGAGTCTGACTGTGTTT
 GGGAACTGGTTTACTAAGCCTAAACAAATAACAATTTTTTTTACTTGCAAAAAATGTCA
 AGTTACATTTTCTCAAAATTTACTTGACATAATACTAACCTTAATTGAATGCTTATAAAAA
 TCAAGGGACAAGCCANATGGCTAGATGTAATAAATTCAAACAAGCTTGAAGCATATTAAGT
 TTTCAAAAGCCCAGAAAAGGCATACTGTGCTGAACCCCTACATGTGCTTAAAATGCACAA
 GGAGCTCACCTATGACAAACCGGCAGAAANACCAACCCTCTCCTTTTTTCCATTGCCTTT
 TAAAAAC

Restriction Sites:

NotI-NotI

ACCN:

NM_024770

Insert Size:

2260 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: [NM_024770.1](#), [NP_079046.1](#)

RefSeq Size: 2247 bp

RefSeq ORF: 726 bp

Locus ID: 79828

Cytogenetics: 2q31.1

Protein Families: Druggable Genome

Gene Summary: Probable methyltransferase.[UniProtKB/Swiss-Prot Function]