

Product datasheet for **SC310354**

METTL4 (NM_022840) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	METTL4 (NM_022840) Human Untagged Clone
Tag:	Tag Free
Symbol:	METTL4
Synonyms:	HsT661
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC310354 representing NM_022840.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCTGTGGTACACCAGTTGTCAGCTGGTGGTACTGGATCATCTTTCTTTTATCAACAAGATAAAC
TATCAACTTCACCAGCATCATGAACCTTGTTGCCGTAAAAAGGAGTTCCTACTTCTGTTCACTTTGAG
TCTCTTCAAATGGATTCTGTGCTCCTCTGGAGTCTGTGCTGCATTTATTGCTTCTGACTTCCACT
AAGCCAGAGAATGATGATGGAGGAAATTATGAAATGTTACACGAAAATTTGTTTTTCGACCTGAACTG
TTTGATGTCACCAAACCTTATATAACTCCAGCTGTTTATAAAGAATGCCAGCAAAGTAAATGAAAAGGAA
GATCTGATGAATGGTGTAAAAAAGAAATCTCCATTTCTATTATTGGGAAGAAGCGTAAAAGATGTGT
GTTTTCAATCAAGGTGAATTGGATGCTATGGAATACCATACAAAGATCAGGGAGCTGATTTTGGATGGA
TCTTTACAGTTGATCCAGGAAGGTCTCAAAGTGGTTTTCTTTATCCACTTTTTGAAAAACAGGACAAG
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TTGCCCTTCTGAATGAAATGGAACATCAGACATTACAATTGGTGAAGAGGATACATCTGTTACAGAA
CAGGATTTATTTTGGCGATTTGTTGAAAACAACCTAGCTTTACAAAAGTGATTACTTTAATGGGACAG
AAATACCTGCTACCACCGAAAAGCAGTTTTCTTTATCTGACATTTCTTGTATGCAACCCTTCTAAAC
TATAGGAAAACATTTGATGTAATTGTGATAGATCCACCATGGCAGAACAAATCAGTTAAAAGAAGTAAAT
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CTTCTTGTACTTGGGTGACCAATAGACAGAAGCACCTACGTTTTATAAAGGAAGAAGCTTTATCCCTCT
TGGTCTGTGGAGGTAGTTGCTGAGTGGCACTGGGTAAAAATAACCAATTCAGGAGAATTTGTGTTCCCA
TTAGATTCTCCACACAAAAAGCCCTACGAAGTCTTATACTGGGGAGGGTCAAGAAAAAACTGCTCTA
CCATTGAGGAATGCAGATGTAACGTGCTCCCCATTCCAGACCACAAATTAATTGTCAGCGTGCCCTGT
ACTCTTCACTCACATAAGCCACCGCTTGTGAGGTTTTAAAAGACTACATCAAGCCAGATGGGGAATAT
TTGGAGTTGTTTCTCGAAATTTACAGCCAGGTTGGACTAGTTGGGGCAATGAAGTTCTCAAATTCAG
CATGTGGATTATTTATTGCTGTGGAGTCTGGAAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-MluI

ACCN: NM_022840

Insert Size: 1419 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_022840.4](#)

RefSeq Size: 3704 bp

RefSeq ORF: 1419 bp

Locus ID: 64863

UniProt ID: [Q8N3J2](#)

Cytogenetics: 18p11.32

MW: 54 kDa

Gene Summary: Probable methyltransferase.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.