

Product datasheet for **SC301552**

METTL21C (NM_001010977) Human Untagged Clone

Product data:

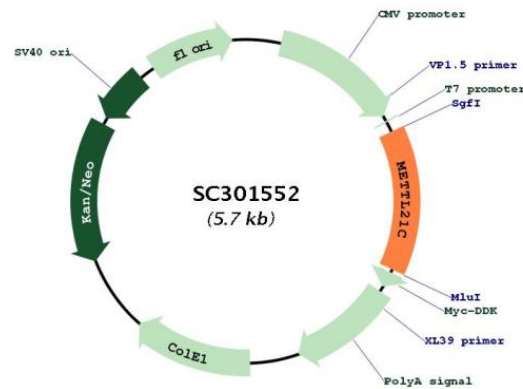
Product Type:	Expression Plasmids
Product Name:	METTL21C (NM_001010977) Human Untagged Clone
Tag:	Tag Free
Symbol:	METTL21C
Synonyms:	C13orf39
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301552 representing NM_001010977. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTGCTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGACGTGTGTCTGAGCTCCGCGCAGCAGCCTGGGCGCCGGGGGAAGGACTCAGCTCCCCGGGTGGC
TGGTTAGAGGCTGAGAAGAAGGGGGCTCCGCAGAAAGACAGCACCAGGGGAGTCTAGAGAATCCAAC
AAGATAGAACCATCTCTTCATAGCCTCCAGAAATTTGTTCTACAGATTACGCCAGCTACACTCAGGAG
CATTATCGGTTTGCAGGAAAGGAGATTGTCATCCAGGAATCCATAGAGAGTTACGGAGCGGTGGTGTGG
CCAGGGGCTATGGCTTTGTGTCAACTTGGAGGAACATGCCGAGGAATTGAATTTCCAAGATGCAAAA
ATACTTAAAATTGGTGCCGGACCAGGCCTGTTTCCATTGTGGCCAGTATTTTAGGAGCTCAAGTCACA
GCAACAGATTTGCCTGATGTCTGGGAAACCTTCAATACAATCTTTTAAAAACACACTACAATGTACA
GCACATCTGCCTGAAGTAAAAGAACTGGTATGGGGGAAGACCTGGACAAAAACTTTCCCAAGTCAGCT
TTTTACTATGATTACGTCTAGCCTCAGATGTGGTCTACCATCACTACTTCTGGACAAGCTGCTCACC
ACCATGGTGTACCTTTCCAGCCAGGGACGGTGTCTGTTTGGGCAACAAATTCAGGTTCCAGCACCAGC
TATGAATTTT TAGATAAATTC AAGCAAGTTTTTGACACAACACTGTTGGCTGAATATCCAGAGTCATCA
GTCAAACTTTTTAAGGGGATACTAAAATGGGACTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_001010977

Insert Size: 795 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_001010977.2](#)

RefSeq Size: 1115 bp

RefSeq ORF:	795 bp
Locus ID:	196541
UniProt ID:	<u>Q5VZV1</u>
Cytogenetics:	13q33.1
Protein Families:	Druggable Genome
MW:	29.6 kDa
Gene Summary:	Protein-lysine methyltransferase.[UniProtKB/Swiss-Prot Function]