

Product datasheet for **SC334834**

Methyltransferase like 6 (METTL6) (NM_001301791) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Methyltransferase like 6 (METTL6) (NM_001301791) Human Untagged Clone
Tag:	Tag Free
Symbol:	METTL6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001301791, the custom clone sequence may differ by one or more nucleotides

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ATGGCTTCTTTGCAAAGGAAAGGGCTGCAGGCAAGGATTCTCACCTCTGAAGAAGAGGAGAACTGAAAA  
GAGACCAAACCTTTGGTGTCTGATTTTAAACAGCAGAAAATTGGAACAAGAGGCTCAGAAAAATTGGGATCT  
TTTTTACAAAAGAAATAGCACTAATTTCTTCAAAGACAGACACTGGACCACCAGAGAGTTTGAGGAGCTA  
AGATCATGTAGAGAGTTTGAAGATCAAAAGTTAAACAATGCTTGAAGCTGGCTGTGGGGTTGGAACTGTT  
TATTCCTACTTTTAGAAGAAGATCCGAATATCTTTGCCTATGCCTGTGATTTTTCTCCAAGAGCCATTGA  
ATATGTTAAGCAAATCCTTTATATGATACAGAAAGATGCAAGGATTCCAGTGTGATCTGACTAAAGAT  
GATCTTCTGGATCATGTACCGCCAGAGTCTGTGGATGTTGTTATGTTGATATTTGTGCTCAGCTGTTTC  
ATCCTGATAAGATGCACCTTGTCTTACAAAACATTTACAAGTGCCATGGCTGCTCTTCAGAGCTTCGCCA  
GCCCTGGGACAAGGATGATTTTGAGTTACCTGGGATCCATGGAGTCTGCTATAAGGCTGCTTGGAGAA  
GGCTTGGACATGTGCACGAGACCCTGAAACAAGCCCTCTACTGCACAATATTTACCCAGCACCTGGAAG  
GCACAGACCTGGCCCTGCCCTTGAAGAGCTCACAAGCCTTCTCTGGTGTGAGTGA
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001301791
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).



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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_001301791.1, NP_001288720.1</u>
RefSeq Size:	1179 bp
RefSeq ORF:	756 bp
Locus ID:	131965
Cytogenetics:	3p25.1
Protein Families:	Druggable Genome
Protein Pathways:	Androgen and estrogen metabolism, Histidine metabolism, Selenoamino acid metabolism, Tyrosine metabolism
Gene Summary:	Probable methyltransferase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) contains multiple coding region differences, including an alternate 3' terminal exon, compared to variant 1. The encoded isoform (3) is shorter and has a distinct C-terminus, compared to isoform 1.