

## Product datasheet for **SC334731**

### Methyltransferase like 6 (METTL6) (NM\_001301790) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Methyltransferase like 6 (METTL6) (NM_001301790) 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_001301790, the custom clone sequence may differ by one or more nucleotides

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ATGGCTTCTTTGCAAAGGAAAGGGCTGCAGGCAAGGATTCTCACCTCTGAAGAAGAGGAGAACTGAAAA
GAGACCAAACCTTTGGTGTCTGATTTTAAACAGCAGAAATTGGAACAAGAGGCTCAGAAAAATTGGGATCT
TTTTTACAAAAGAAATAGCACTAATTTCTTCAAAGACAGACACTGGACCACCAGAGAGTTTGAGGAGCTA
AGATCATGTAGAGAGCAAATCCTTTATATGATACAGAAAGATGCAAGGTATTCCAGTGTGATCTGACTA
AAGATGATCTTCTGGATCATGTACCGCCAGAGTCTGTGGATGTTGTTATGTTGATATTTGTGCTGTCAGC
TGTTTCATCCTGATAAGATGCACCTTGTCTTACAAAACATTTACAAGGTATTAACCAGGCAAAAAGTGTC
TTGTTTCGTGACTACGGACTGTATGATCATGCCATGCTTAGGTTTAAAGCCAGCAGCAAACCTTGGAGAAA
ACTTTTATGTTAGACAAGATGGGACCAGATCATATTTTTTTACTGATGACTTCCTGGCTCAGCTCTTTAT
GGACACAGGTTATGAAGAAGTGGTAAACGAGTATGTGTTTCGAGAGACGGTGAATAAAAAAGAAGGCCTG
TGTGTGCCAAGAGTTTTCTTCAGAGCAAATTTCTAAAGCCTCCTAAGAACCATCTCCTGTGGTCTGG
GCCTGGATCCTAAGTCC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001301790
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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<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001301790.1, NP_001288719.1</u>
<b>RefSeq Size:</b>	2486 bp
<b>RefSeq ORF:</b>	720 bp
<b>Locus ID:</b>	131965
<b>Cytogenetics:</b>	3p25.1
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Androgen and estrogen metabolism, Histidine metabolism, Selenoamino acid metabolism, Tyrosine metabolism
<b>Gene Summary:</b>	Probable methyltransferase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.