

Product datasheet for **SC100994**

METTL27 (NM_152559) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	METTL27 (NM_152559) Human Untagged Clone
Tag:	Tag Free
Symbol:	METTL27
Synonyms:	WBSCR27
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100994 sequence for NM_152559 edited (data generated by NextGen Sequencing) <pre> ATGGCCCAGGAGGAGGGTGGGAGCCTGCCCGAGGTGCGGGCGCGGGTCAGGGCCGCGCAT GGCATCCCCGACCTGGCCCAAAAGCTCCATTTCTATGACCGCTGGGCTCCGGACTACGAC CAGGATGTGGCCACCCTGCTGTACCGTGCGCCCGCCTCGCAGTGGACTGCCTCACACAA GCCCTTCCAGGCCGCCCCACAGTGCCTGATCCTGGACGTGGCCTGTGGCACAGGCCTA GTGGCTGCCGAGCTGCGGGCTCCAGGCTTCTCCAGCTGCATGGGGTGGATGGGAGCCCA GGGATGCTGGAACAGGCCCGGGCCCCCGGCCTCTATCAGCGCCTCAGCCTCTGCACCCTG GGCCAGGAGCCTCTGCCAGCCCGGAAGGGACCTTCGACGCGGTGCTGATAGTCGGTGCC CTCAGTGACGGCCAGGTGCCCTGCAATGCGATACCTGAGCTACATGTACCAAGCCAGGT GGGCTGGTGTGTCTGACCACCAGGACCAACTGGTCCAACCTTCAATACAAGGAGGCTCTG GAGGCCACCCTGGACAGGCTGGAGCAGGCTGGGATGTGGGAAGGCCTGGTGGCCTGGCCT GTGGACCGCCTGTGGACCGCTGGGAGCTGGCTACCTCCGAGCTGGTGGTGTATCCGGCA TCTCTGCCAAGGATGGCTTCATCTCCGGCATTGTCTACCTGTACCGAAAGTGGAAGGCGA CCCAGGTTGAGGAAGTGA </pre>

Clone variation with respect to NM_152559.2

320 a=>g;512 c=>g;646 a=>t



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_152559 unedited <pre> TTTGGCAAATACGGATTGTAAACGATTCACTATAGGCGGCCGGAATCCCGGGGTATCG TCGACCCACGCGCTCCGCTGATTGCCACACGCCCCAGGCGCGCTGGATTGGCGGAGCAT GGCCCCAGGAGGGTGGGAGCCTGCCCGAGGTGCGGGCGCGGGTCAGGGCCGCGCATGG CATCCCCGACCTGGCCCCAAAAGCTCCATTTCTATGACCGCTGGGCTCCGGACTACGACCA GGATGTGGCCACCCTGCTGTACCGTGCGCCCCGCTCGCAGTGGACTGCCTCACACAAGC CCTTCCAGGCCCCCCCCACAGTGCCCTGATCCTGGACGTGGCCTGTGGCACAGGCCTAGT GGCTGCCGAGCTGCGGGCTCCAGGCTTCTCCAGCTGCATGGGGTGGATGGGAGCCCAGG GATGCTGGAACAGGCCCGGGCCCCGGCCTCTATCAGCGCTCAGCCTCTGCACCCTGGG CCAGGAGCCTCTGCCAGCCCGGAAGGGACCTTCGACGCGGTGCTGATAGTCGGTGCCCT CAGTGACGGCCAGGTGCCCTGCAATGCGATACCTGAGCTACATGTACCAAGCCAGGTGG GCTGGTGTGTCTGACCACCAGGACCAACTGGTCCAACCTTCAATACAAGGAGGCTCTGGA GGCCACCCTGGACAGGCTGGAGCAGGCTGGGATGTGGGAAGGCCTGGTGGCCTGGCCTGT GGACCGCTGTGGACCGCTGGGAGCTGGCTACCTCCGAGCTGGTGGTGGTATCCGGCATC TCTGCAAGGATGGCTTCATCTCCGGCATTGTCTACCTGTACCGAAAGTGAAGGCGACC CAGTTGAGGAAGTGAGATCCAGCCCCC </pre>
Restriction Sites:	Please inquire
ACCN:	NM_152559
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_152559.2 , NP_689772.2
RefSeq Size:	958 bp
RefSeq ORF:	738 bp
Locus ID:	155368
UniProt ID:	Q8N6F8
Cytogenetics:	7q11.23
Gene Summary:	This gene encodes a protein belonging to ubiE/COQ5 methyltransferase family. The gene is deleted in Williams syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.22-q11.23. [provided by RefSeq, Jul 2008]