

Product datasheet for **SC115118**

Methyltransferase like 5 (METTL5) (NM_014168) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Methyltransferase like 5 (METTL5) (NM_014168) Human Untagged Clone
Tag:	Tag Free
Symbol:	Methyltransferase like 5
Synonyms:	HSPC133; MRT72
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_014168 edited ATGAAGAAAGTAAGGCTTAAGGAAGTAGAGAGTCGCCTGCAACAAGTGGATGGATTTGAA AAGCCCAAGCTACTTCTGGAACAGTATCCTACCAGGCCGCACATTGCAGCATGTATGCTC TATACAATCCATAACACTTATGATGACATTGAAAATAAAGTCGTTGCAGATCTAGGATGT GGTTGTGGAGTACTTAGCATCGGAAGTCAATGTTAGGAGCAGGTTGTGTGTTGGATTT GACATAGATGAAGACGATTGGAATATTTAATAGGAATGCAGAAGAGTTTGAGTTAACA AATATTGACATGGTTCAATGTGATGTGTGCTTATTATCTAACAGAATGTCCAAGTCATTC GATACAGTAATTATGAATCCTCCCTTTGGGACCAAAAATAATAAGGGACAGATATGGCT TTTCTAAAGACTGCTTTGGAATGGCAAGAACAGCAGTATATTCCTTACACAAATCCTCA ACTAGAGAACATGTTCAAAAGAAAGCTGCAGAATGGAAAATCAAGATAGATATTATAGCA GAACTTCGATATGACCTGCCAGCATCATACAAGTTTCACAAAAGAAATCAGTGGACATT GAAGTGGACCTAATTCGGTTTTCTTTTAA


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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_014168 unedited <pre> GGGCAAAATTTGTATACGACTCCTATAGGCGGCCGCGNAATTCGCACGAGGGCGCGAGGG ATCCTGAGGCTGCTCCAGCAGTGCGCCGCCGCTCTCCTGGGGCGGCTTGGGTTAGCCG GGAGGTGGGTGAGAGGCTCGCCCCGTGCCCTGCGTCCGGGCGTCTCCTTAGGGCGCGTCT TCGGGTCCGGCCAGCGGTGCTGAAAAAGGAGAAGGTTGGGGTAGGGAGGAAACAAGAT CCCAGTTCAATAGATTTCTCCGAGATCCTGTGCCTTCAAACCTACGAGTCCATACTTT AAAACAAAATGAAGAAAGTAAGGCTTAAGGAAGTAGAGAGTCGCCTGCAACAAGTGGATG GATTTGAAAAGCCCAAGCTACTTCTGGAACAGTATCCTACCAGGCCGCACATTGCAGCAT GTATGCTCTATACAATCCATAACACTTATGATGACATTGAAAATAAAGTCGTTGCAGATC TAGGATGTGGTTGTGGAGTACTTAGCATCGGAAGTCAATGTTAGGAGCAGGGTTGTGTG TTGGATTTGACATAGATGAAGACGCATTGGAAATATTTAATAGGAATGCAGAAGAGTTTG AGTTAACAAATATTGACATGGTTCAATGTGATGTGTGCTTATTATCTAACAGAATGTCCA AGTCATTCGATACAGTAATTATGAATCCTCCTTTGGGACCAAAAATAATAAAGGGACAG ATATGGCTTTTCTAAAGACTGCTTTGAAATGGCAAGACCAGCAGTATATCCCTTACACC AATCCTCAACTAGAGAACATGTTCCAAAGAAAGCTGCAGAATGGAAATCAAAATTGATAT ATAGCCAGACTTCGATTGACCTGCCAGCTCATACCAGTTTACAAAAGGAATCAGGGGCCT TGTAGG </pre>
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_014168 unedited <pre> CAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGGTAAACCAATTTTTTATTCATTTAA ATAAGTTTTAAACGACTTTTGTTCGGGGCTTTTAAAGGAAAACCGAATTAAGTCCAC TTCAATGTCCACTGATTTCTTTTGTGAACTTGTATGATGCTGGCAGGCATATCGAAG TTCTGCTATAATATCTATCTTGATTTTCCATTCTGCAGCTTTCTTTGAACATGTTCTCT AGTTGAGGATTTGTGTAAGAATATACTGCTGTTCTTGCCATTTCCAAAGCAGTCTTTAG AAAAGCCATATCTGTCCCTTTATTATTTTTTGGTCCCAAAGGGAGGATTCAATAACTGT ATCGAATGACTTGGACATTCTGTTAGATAATAAGCACACATCACATTGAACCATGTCAAT ATTTGTTAACTCAAACCTCTCTGCATTCTATTAATATTTCCAAATGCGTCTTCTATCTAT GTCAAATCCAACACACAACCCCTGCTCCTAACATTGCAGTTCGGATGCTAAGTACTCCACA ACCACATCCTAGATCTGCAACGACTTTATTTTCAATGTCATCATAAGTGTATGGATTGT ATAGAGCATACATGCTGCAATGTGCGGCTGGTAAAGATACTGTTCCAGAAGTAGCTTGGG CTTTTCAATCCATCCACTTGTTCANGCGACTCTAGTCCTTAAGCCTACTTTTCTCAT TTTGTTTTAAAGTATGGACTCGTAAGTNTTGATGCACACGATCTGCGGAGGATTCTATTGA ACTGGNGATCTGNTTNNCTCCTACCCCCAACTTTTNCCTTTTGNACGNTTGCCCGACC CGATACCCGCCCTAAGATACCCCGAGCAAGGCCCGGGCAGCCTTTGACCAACTCCGGTA ACCAACCGCCCAAGACGNGGGGGCCCTGTGAACACCTCAGAACCTGGCCCCCTGCCGAT CCCGGCCGCTTTGGATCGGTACAAATCTGACGTCCTAACACC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_014168
Insert Size:	930 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).
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:	<u>NM_014168.1, NP_054887.1</u>
RefSeq Size:	963 bp
RefSeq ORF:	399 bp
Locus ID:	29081
UniProt ID:	<u>Q9NRN9</u>
Cytogenetics:	2q31.1
Protein Families:	Druggable Genome
Gene Summary:	Probable methyltransferase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, and 3 encode the same protein.