

Product datasheet for **SC112621**

METTL7A (NM_014033) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	METTL7A (NM_014033) Human Untagged Clone
Tag:	Tag Free
Symbol:	METTL7A
Synonyms:	AAM-B; AAMB
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112621 sequence for NM_014033 edited (data generated by NextGen Sequencing)

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ATGGAGTTACCATCTTTATCCTGAGACTGGCCATTTACATCCTGACATTTCCCTTGATAC
CTGCTGAACTTTCTGGGCTTGTGGAGCTGGATATGCAAAAAATGGTTCCCTACTTCTTG
GTGAGGTTCACTGTGATATAACAACGAACAGATGGCAAGCAAGAAGCGGGAGCTCTTCAGT
AACCTGCAGGAGTTTGCGGGCCCTCCGGGAACTCTCCCTGCTGGAAGTGGGCTGTGGC
ACGGGGGCCAACTTCAAGTTCTACCCACCTGGGTGCAGGGTGACCTGTATTGACCCCAAC
CCCAACTTTGAGAAGTTTTTGTCAAGAGCATTGCAGAGAACCGACACCTGCAGTTTGAG
CGCTTTGTGGTAGCTGCCGGGGAGAACATGCACCAGGTGGCTGATGGCTCTGTGGATGTG
GTGGTCTGCACCCTGGTCTGTGCTCTGTGAAGAACCAGGAGCGGATTCTCCGCGAGGTG
TGCAGAGTGCTGAGACCGGGAGGGGCTTTCTATTTTCATGGAGCATGTGGCAGCTGAGTGT
TCGACTTGAATTAATCTCTGGCAACAAGTCTGGATCCTGCCTGGCACCTTCTGTTTGAT
GGGTGCAACCTGACCAGAGAGAGCTGGAAGGCCCTGGAGCGGGCCAGCTTCTCTAAGCTG
AAGCTGCAGCACATCCAGGCCCACTGTCTGGGAGTTGGTGCGCCCTCATATCTATGGA
TATGCTGTGAAATAG
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Clone variation with respect to NM_014033.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_014033 unedited</p> <pre> AGTCACACCTTGTAAACGACTCATATAGGCGGCCCGCAATTCGCACCAGNAGCAATGGA GCTTACCATCTTTATCCTGAGACTGGCCATTTACATCCTGACATTTCCCTTGTACCTGCT GAACTTTCTGGGCTTGTGGAGCTGGATATGCAAAAAATGGTTCCTACTTCTTGGTGAG GTTCACTGTGATATAACAACAGATGGCAAGCAAGAAGCGGGAGCTTTCAGTAACT GCAGGAGTTTGCGGGCCCTCCGGGAACTCTCCCTGCTGGAAGTGGGCTGTGGCACGGG GGCCAACCTCAAGTTCTACCCACCTGGGTGCAGGTGACCTGTATTGACCCCAACCCCAA CTTTGAGAAGTTTTTATCAAGAGCATTGCAGAGAACCGACACCTGCAGTTTGAGCGCTT TGTGGTAGCTGCCGGGGAGAATGCACACAGGTGGCTGATGGCTCTGTGGANTGTGGTG TCTGCACCCTGGTGTGTCTGTGAAGAACCAGGAGCGGATTCTCCGCGAGGTGTGCA GAGTGTGAGACCGGGAGGGGCTTTCTATTTTCATGGAGCATGTGGCAGCTGAGTGTTCGA CTTGAATTACTTCTGGCACAAGTCTGGATCCTGCCTGGCACCTTCTGTTTTGATGGGT GCAACCTGACCAGAGAAGCTTTGGAAGGCCCTGGNANCGNCCAGCTTTCTAGCTGAA GCTGCAGCACATCCAGGCCCACTGTCTTGGGAGTTTGGTGCGCCCTCATATCTATGGA TATGCTGTGAAATAGTGTGAGCTGGCAGTTAAGAGCTGAATGGCTCAAAGATTTTAAAGCT TCAGTTTTACATTTAANNATGCTAGTGGGAGAGAAGAAGCTTTTTTTGGGGGGCAGNTTNN TTGGTGTGGGGGGGGTTTTTTTTTTTTTTTTTGGCGAAGGGAGGTTTTTTTTTTTGTGG CCGGCTGGATGCNTGGCGGTTTTCCGCTGCTGCCCTCCA </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_014033 unedited</p> <pre> TATGGAACCGCTGGCCGCAATCNANGATCGTTTTTTTTCTTTTTTTTTTTTTTTTTTTTT TGAGACGGAGTCTTGTCTTGTCAACCAGGCTAGAGTACAATGGCATGATCTCGGCTCAC TGCAACCTTCGCCTTCTGGGTCAAGAGATTCTCCCGCTCAGCCTTCCAAGTACCTGGG ACCACAGGCACCCACCACACGCCCGGCCAATTTTTTTTTTTTTTTTTTGGATCCTTAGTAG GGGTTCCGCCAGTTGGCCAAGCTGGNCCCAACTCCCACCTCGNGATCCACCCGGCTCGG CCTCCCAAAGTGCTAGGACCACAGGCGCGAGCCACCACGCCCAGCCCTGTCTTTTTTT TTAAAACACAATTTAAAAGCAGAAAAGAAAAATCTGGGCTGTTTAAACTCAGATTCTTAA TTAGCTAGTATTTCTTAATCAATCAATAAATTATTAAGACCTTTTCACTGCTCCCTTTT TAAAGTCTTCTTGGAGTGATTTAAGTGCTTCTTATTACCCAGCTCTCAAAGAGAAGATA AAATTAATCCTGTGGGAACCATTTAAATAAGACAACCTGGGGTAACCCCTTTGCTCAG GGACCCCTCTGAACAAAAAGCCATTCTTTCTTTGGCCCAATAAACTCTGCTCTTA ACCTTAATAAAAAAAAAAAAAAGCCCTTGGGAAAAATTCCAGTCCGTGAGAAACAAAAAC AATCTGGGGGAAATGGTGTGAAGTCTCATTATGAAAAGTCCAATCGCTTACCTTGAAGG GGGAGAGTACACGCTGGTTTCTTTGAGTTGAAATCTTTGGGGGGCCACGCCTAAGGCGC TTCGGTGGGTTTACAGGGAATTTTAGGGGGGATTGCACTCTCCGCTAAAAAGGTTTA GGTCTAGCCTAGGGGCTGACTGTATAACACCCACTCCCGTGAGCGGCCGTGGCCAGATCT TACTCTTACGTTGTATTTGTCCCACTCTCN </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_014033
Insert Size:	2500 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: [NM_014033.2](#), [NP_054752.2](#)

RefSeq Size: 2422 bp

RefSeq ORF: 735 bp

Locus ID: 25840

UniProt ID: [Q9H8H3](#)

Cytogenetics: 12q13.12

Protein Families: Druggable Genome, Transmembrane

Gene Summary: Probable methyltransferase.[UniProtKB/Swiss-Prot Function]