

Product datasheet for **SC120836**

METTL11A (NTMT1) (NM_014064) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	METTL11A (NTMT1) (NM_014064) Human Untagged Clone
Tag:	Tag Free
Symbol:	NTMT1
Synonyms:	AD-003; C9orf32; HOMET1A; METTL11A; NRMT; NRMT1; NTM1A
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014064, the custom clone sequence may differ by one or more nucleotides

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ATGACGAGCGAGGTGATAGAAGACGAGAAGCAATTCTATTCCAAGCCAAGACCTACTGGAACAAATCC
CACCCACGGTGGACGGCATGCTTGGGGGTATGGCCACATCTCCAGCATCGACATCAACAGCTCCCGGAA
GTTTCTGCAGAGGTTTTTGAGGGAAGGCCGAACAAGACAGGAACGTCTGTGCCCTGGACTGTGGAGCT
GGCATTGGGAGGATCACCAAGCGGCTGCTCCTGCCGTGTTGAGAGGTTGGATATGGTCGACATAACGG
AGGACTTCTGGTCAAGCCAAGACCTACCTGGGGGAGGAGGGCAAGAGGGTGAGGAACACTTCTGTTG
TGGGCTCCAGGACTTACCCCGGAGCCGACTTACGACGTGATCTGGATCCAGTGGGTGATAGGCCAC
CTCACCGATCAGCACCTGGCCGAGTTCCTGCGGCGCTGCAAGGGCAGCCTCCGCCCAACGGCATCATCG
TCATCAAAGACAACATGGCCAGGAGGGCGTGATTCTGGACGACGTGGACAGCAGCGTGTCCCGGGACCT
TGACGTGGTCCGAGGATCATCTGCAGTGCAGGCCTCAGCCTCCTGGCCGAGGAGGAGGAGGAGAACCTC
CCCGATGAGATCTACCATGTCTATAGCTTTGCCCTGAGATGA
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Restriction Sites:	Please inquire
ACCN:	NM_014064
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:

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_014064.2](#), [NP_054783.2](#)

RefSeq Size: 1007 bp

RefSeq ORF: 672 bp

Locus ID: 28989

UniProt ID: [Q9BV86](#)

Cytogenetics: 9q34.11

Protein Families: Druggable Genome

Gene Summary: The METTL11A gene encodes an N-terminal methyltransferase for the RAN (MIM 601179) guanine nucleotide exchange factor regulator of chromosome condensation 1 (RCC1; MIM 179710). METTL11A enzyme alpha-N-methylates other protein targets such as SET (MIM 600960) and RB (MIM 180200).[supplied by OMIM, Nov 2010]

Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 through 5 all encode isoform a.